SERVICE MANUAL

AEP Model

Chassis No. SCC-A91A-A

Australian Model

Chassis No. SCC-B04A-A

West Germany Model

Chassis No. SCC-B05A-A



SPECIFICATIONS

Note: The service manuals for RM668 have been issued separately.

Color system

PAL, SECAM, NTSC and NTSC_{4,43} systems,

switched automatically

Picture tube

Trinitron tube

Approx. 67.7 cm (27 inches)

(63.5 cm picture measured diagonally) 114-degree deflection, AG pitch 0.73 mm

Resolution

Video input: 420 TV lines

RGB inputs: 640 × 200 dots (2000 characters)

Color temperature

9300°K

Frequency response

10 MHz (-3 dB, RGB)

5 MHz (-3 dB, composite video)

Horizontal linearity

Less than ±5%

Vertical linearity

Less than ±5%

Line pull range

Horizontal: +500 Hz

Vertical: -8 Hz

Overscan of the picture

Less than +7%

Convergence

Central area: within 1.0 mm

Periphery: within 1.8 mm

LINE A/B, VTR inputs

VIDEO IN:

LINE A/B: BNC connector

Composite video, 1 Vp-p ±6 dB, sync

negative, 75-ohm termination

switchable

VTR: 8-pin connector

Composite video, 1 Vp-p ±6 dB, sync

negative, 75-ohm terminated

AUDIO IN:

LINE A/B: Phono jack

-5 dBs, more than 47 kilohms

VTR: 8-pin connector, -5 dBs, more than

47 kilohms

LINE A/B outputs (loop-through outputs)

VIDEO: BNC connector

AUDIO: Phono jack

Monitor outputs

VIDEO: BNC connector Composite video, 1 Vp-p

AUDIO: Phono jack

Less than 1 kilohm

Digital RGB inputs RGB: D-sub 9-pin connector

(See "Signal assignment".)

AUDIO: Phono jack

-5 dBs, more than 47 kilohms

AV connector

21-pin connector

(See "Signal assignment".)

Speaker terminals 8 ohms

Control S input/output

Minijack, 5 Vp-p

Power output

15 W + 15 W at 8 ohms

Power requirements

220 - 240 V AC, 50/60 Hz

Power consumption

Dimensions

Approx. 653 × 508 × 492 mm (w/h/d)

incl. projecting parts and controls

Approx. 52 kg Weight

Supplied accessory

Remote commander RM-668, with 2 R6 batteries......1

Optional accessories

TV stand SU-539, SU-541

Speaker system SS-X6A, APM-X5A

- Continued on next page -

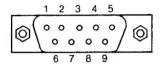


TRINITRON COLOR VIDEO MONITOR SONY



SIGNAL ASSIGNMENT

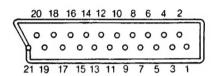
DIGITAL RGB connector (D-sub 9-pin)



Digital signal (TTL level)

Pin No.	Signal assignment	
1	Ground	
2	Ground	
3	Red input	
4	Green input	
5	Blue input	
6	Intensity input	
7	No connection	
8	H. sync input (positive/negative)	
9	V. sync input (positive/negative)	

AV connector (21-pin)



Pin No.	Signal	Signal level
1	Audio output B (right)	Standard level: 0.5 Vrms Output impedance: Less than 1 k ohm*
2	Audio input B (right)	Standard level: 0.5 Vrms Input impedance: More than 10 k ohms*
3	Audio output A (left)	Standard level: 0.5 Vrms Output impedance: Less than 1 k ohm*
4	Ground (audio)	
5	Ground (blue)	
6	Audio input A (left)	Standard level: 0.5 Vrms Input impedance: More than 10 k ohms*
7	Blue input	0.7 V ±3 dB, 75 ohms, positive
8	Function select (AV control)	High state (9.5 – 12 V): Peri mode Low state (0 – 2 V): TV mode Input impedance: More than 10 k ohms Input capacitance: Less than 2 nF

Pin No.	Signal	Signal level
9	Ground (green)	
10	Open	
11	Green input	(Same as Pin 7)
12	Open	
13	Ground (red)	
14	Ground (blanking)	
15	Red input	(Same as Pin 7)
16	Blanking input	High state (1 - 3 V) Low state (0 - 0.4 V) Input impedance: 75 ohms
17	Ground (video output)	
18	Ground (video input)	
19	Video output	1 V ±3 dB, 75 ohms, positive Sync: 0.3 V (±3 dB)
20	Video input	1 V ±3 dB, 75 ohms, positive Sync: 0.3 V (±3 dB)
21	Common ground (plug, shield)	

^{*} at 20 Hz - 20 kHz

Design and specifications subject to change without notice.

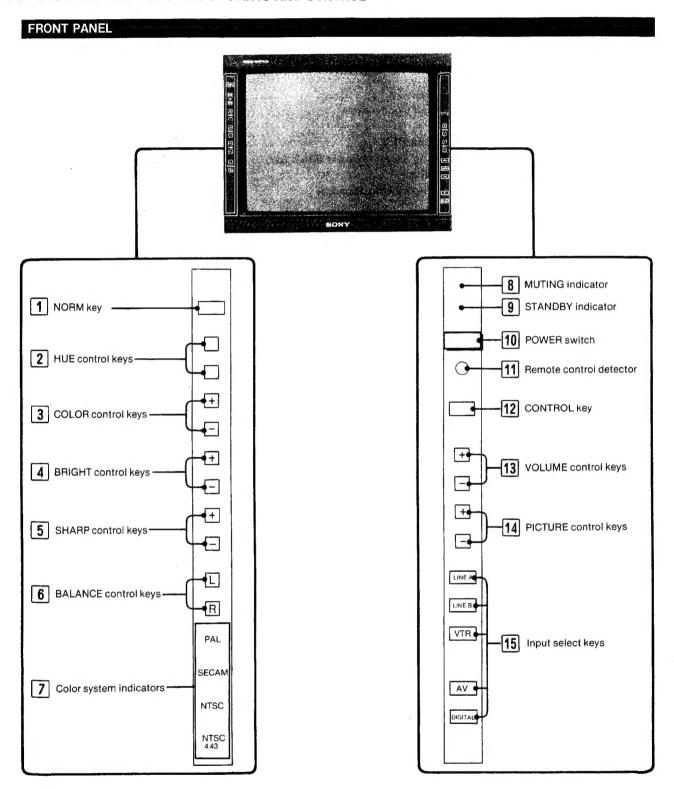
TROUBLESHOOTING

If these symptoms occur when you begin operation, follow the suggestions below.

SYMPTOMS	CORRECTIONS
No controllable keys although the POWER switch is turned on.	Press the CONTROL key.
No indication appears although the CONTROL key is pressed.	• Set the MANUAL CONTROL switch on the rear panel to ON.
Remote control is not possible.	• Set the REMOTE CONTROL switch on the rear panel to ON.

SECTION 1 GENERAL

1-1. LOCATION AND FUNCTION OF PARTS AND CONTROL



• Press CONTROL key after power is turned on to illuminate the control keys or indicators.

The following control keys are effective only when MANUAL CONTROL switch on the rear panel is set to ON.

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SAFETY-RELATED COMPONENT WARNING!

COMPONENTS IDENTIFIED BY SHADING AND MARK

\(\bar{\text{M}}\) ON THE SCHEMATIC DIAGRAMS, EXPLODED
VIEWS AND IN THE PARTS LIST ARE CRITICAL TO
SAFE OPERATION. REPLACE THESE COMPONENTS
WITH SONY PARTS WHOSE PART NUMBERS APPEAR
AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS
PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS
THAT ARE CRITICAL TO SAFE OPERATION ARE
IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE
REPLACED OR IMPROPER OPERATION IS SUSPECTED.

1 NORM (normal) key

Press this key to return to the standard setting.

• This key is effective only for the control keys on the left.

2 HUE control keys

Press the GRN (green) key to make the skin tones greenish or the PUR (purple) key to make it purplish.

 These control keys are effective for the NTSC and NTSC₄₄₃ color systems only.

3 COLOR control keys

Press the + key to make the color intensity vivid or the - key to make it pale.

4 BRIGHT (brightness) control keys

Press the + key to make the picture brighter or the - key to make it darker.

5 SHARP (sharpness) control keys

Press the + key to obtain a sharp picture or the - key to obtain a soft picture.

6 BALANCE control keys

Press the L key to increase the sound volume of the left speaker or the R key to increase the sound volume of the right speaker.

Color system indicators PAL, SECAM, NTSC, NTSC_{4 43}

The color system of the input signal is automatically selected and the corresponding indicator illuminates. When the input signal is monochrome, no color system indicator illuminates.

8 MUTING indicator

Illuminates while the sound is muted.

• Muting is controlled only by the Remote Commander.

9 STANDBY indicator

Illuminates when the power is turned off by the Remote Commander.

10 POWER switch

Press this switch to turn the monitor on.

Press this switch again to turn it off.

- When the monitor is turned on, the settings of the monitor are the same as when it was last turned off.
- For a few seconds after turning on the monitor the color of picture may vary because the white balance is adjusted at this time. This is not a problem.

[1] Remote control detector

The beam from the Remote Commander is received here.

12 CONTROL key

Press this key to illuminate the keys and indicators on the front panel.

Press this key again to extinguish them.

13 VOLUME control keys

Press the + key to raise the volume or the - key to lower it.

14 PICTURE control keys

Press the + key to make the contrast, color intensity and brightness stronger or the - key to make them weaker.

15 Input select keys

LINE A, LINE B, VTR, AV, DIGITAL

Select the input source connected to the LINE A, LINE B, VTR, AV or DIGITAL RGB connector.

When a key is pressed:

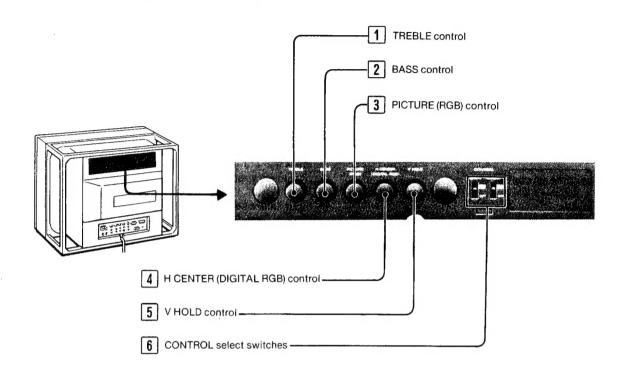
- it blinks if the other indicators and keys on the front panel illuminate.
- · it illuminates if they are extinguished.

Key illumination

For the keys 1 through 7, 13 and 14:

- While each key is pressed, it blinks, indicating that adjustment is going on.
- During adjustment, if the adjustment value reaches the limit, the blinking speed becomes slower.

REAR PANEL



1 TREBLE control

Turn clockwise for more treble (high tone), or counterclockwise for less.

2 BASS control

Turn clockwise for more bass (low tone), or counterclockwise for less.

3 PICTURE (RGB) control

Adjust the contrast of the RGB signals connected to the AV connector or the DIGITAL RGB connector.

4 H CENTER (DIGITAL RGB) (horizontal centering) Control

When the picture of DIGITAL RGB input is decentered horizontally, correct it with this control.

5 V HOLD (vertical hold) control

When the picture rolls vertically, correct it with this control.

6 CONTROL select switches

Normally set to ON.

REMOTE CONTROL switch

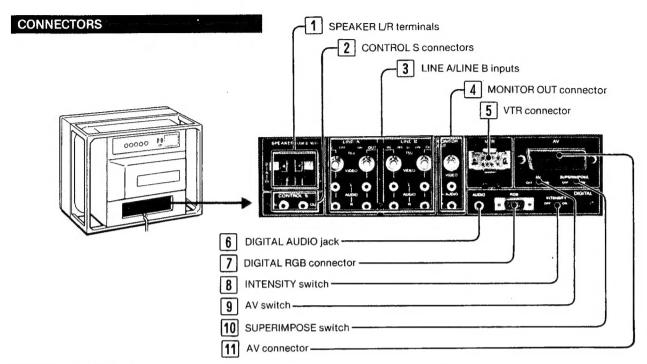
Set this switch to ON to control the monitor with a Remote Commander.

If this switch is set to OFF, the remote control is not possible.

MANUAL CONTROL switch

Set this switch to ON to control the monitor manually. To make the manual control of the control keys or switches on the front panel impossible, extinguish the indicators by pressing the CONTROL key on the front panel and set this switch to OFF.

(However remote control is possible if the REMOTE CONTROL switch is set to ON.)



1 SPEAKER L/R terminals

Connect to speakers with 8 to 16 ohm impedance.

2 CONTROL S IN/OUT connectors

Connect to the CONTROL S connectors of a VTR or another monitor.

It is then possible to control the whole system with a single Remote Commander.

3 LINE A/LINE B inputs

VIDEO IN connector (BNC type) AUDIO L/R IN jacks (phono jack)

Connect to the video and audio outputs of a VTR or a camera.

VIDEO OUT connector (BNC type) AUDIO L/R OUT jacks (phono jack)

Loop-through outputs of the IN connector and jacks. Connect to the video and audio inputs of another monitor.

75-ohm termination switch

When only the VIDEO IN connector is used (nothing is connected to the VIDEO OUT connector), set this switch to ON.

When both connectors are used together for a loopthrough connection, set this switch to OFF.

4 MONITOR OUT connectors

VIDEO connector (BNC type) AUDIO L/R jacks (phono jacks)

The video and audio signals supplied from the LINE A, LINE B, VTR or AV input selected by the front panel input select keys are output from these connectors. Connect to the video and audio inputs of another monitor, VTR, etc.

5 VTR connector (8-pin)

Connect to a VTR with an 8-pin TV connector.

6 DIGITAL AUDIO jack (phono jack)

Connect to the audio output of an audio source to listen to the sound from the connected audio source while viewing the picture from the DIGITAL RGB connector.

7 DIGITAL RGB connector (9-pin, D-sub)

Connect to the digital RGB output of a microcomputer.

8 INTENSITY switch

Normally set to OFF. When a microcomputer provided with intensity output is connected, set to ON for 16-color display.

9 AV switch

Set to ON so that the monitor is automatically switched to the AV input when a signal is input from the AV connector, taking priority over the LINE A, LINE B or VTR input previously selected by the input select keys on the front panel. Set to OFF to select the AV input manually by pressing the AV input select key.

10 SUPERIMPOSE switch

Normally set to ON.

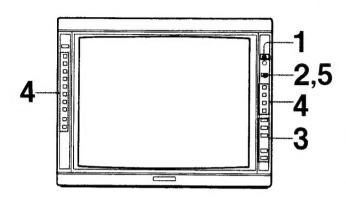
Set to OFF to display the analog RGB signal from the microcomputer connected to the AV connector.

11 AV connector (21-pin)

Connect to the 21-pin multiconnector of an 8 mm video cassette recorder or the analog RGB multioutput connector of a microcomputer.

1-2. OPERATION

DISPLAYING THE PICTURE



- 1 Depress the POWER switch.
 One of the input select keys illuminates.
- 2 Press the CONTROL key. The selected input select key blinks and all control keys on the front illuminate. (If the control keys do not appear, set the MANUAL CONTROL switch on the rear to ON.)
- 3 Press the desired input select key. The pressed key blinks and the picture from the selected input is displayed on the screen and the sound is heard through the speakers. (For selecting the AV or DIGITAL input, see "Notes on
- 4 Adjust the picture and sound.
- 5 Press the CONTROL key to extinguish the controls keys so that only the selected input select key illuminates.

SUPERIMPOSING

input selection".)

To superimpose the data from the microcomputer connected to the AV connector over the picture, proceed as follows. (The data should be processed for superimposition on the microcomputer.)

- 1 Set the SUPERIMPOSE switch to ON.
- 2 Press the LINE A, LINE B or VTR input select key to display the picture on which the data is to be superimposed on the monitor screen.
- **3** Press the AV input select key. The data is superimposed over the picture.
- 4 Adjust the contrast of the superimposed data with the PICTURE (RGB) control.

NOTES ON INPUT SELECTION

AV input and SUPERIMPOSE switch

Set the SUPERIMPOSE switch on the rear as follows, according to the signal supplied to the AV connector.

SUPERIMPOSE switch	Signal to be displayed	
ON	 To display the composite video signal from an 8 mm video cassette recorder, etc. To perform superimposition. (See "SUPERIMPOSING".) 	
OFF	To display the analog RGB signal from a microcomputer, etc. In this case, the sync signal should be supplied to pin 20 of the AV connector.	

- When the AV input select key is pressed with the SUPERIMPOSE switch ON, the previously selected LINE A, LINE B or VTR input select key blinks together with the AV key.
- When it is pressed with the SUPERIMPOSE switch OFF, only the AV key blinks.

AV input and AV switch

When the AV switch on the rear is set to ON, the monitor is automatically switched from the LINE A, LINE B or VTR input to the AV input if a signal is input to the AV connector. Set the AV switch to OFF to select the AV input manually by pressing the AV input select key.

DIGITAL input

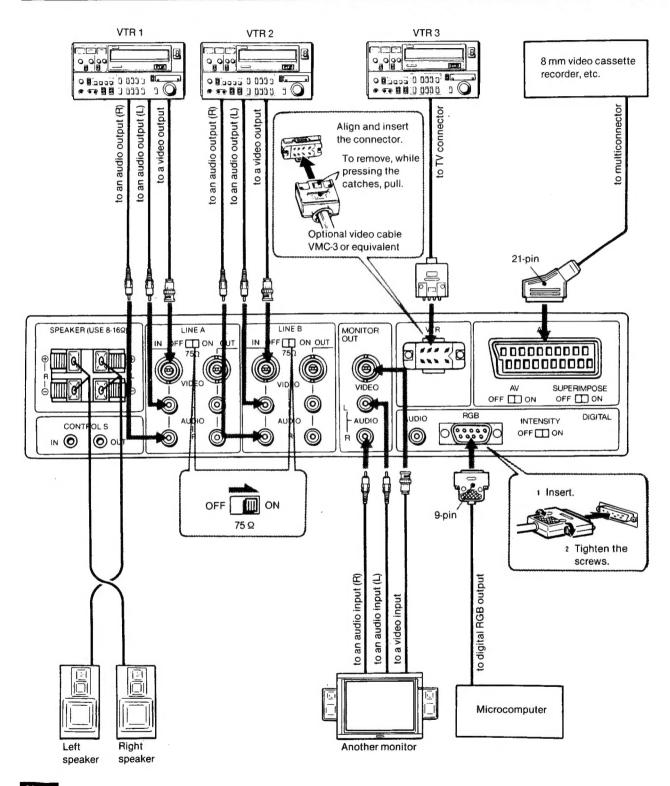
- To display the digital RGB signal from a microcomputer provided with intensity output in 16 colors, set the INTENSITY switch on the rear to ON.
- If necessary, center the picture from the DIGITAL RGB connector with the H CENTER control on the rear panel.

Note:

The COLOR, HUE and SHARP control keys do not function when the DIGITAL input is selected or the AV input is selected with the SUPERIMPOSE switch OFF.

1-3. SYSTEM CONNECTIONS

CONNECTION DIAGRAM

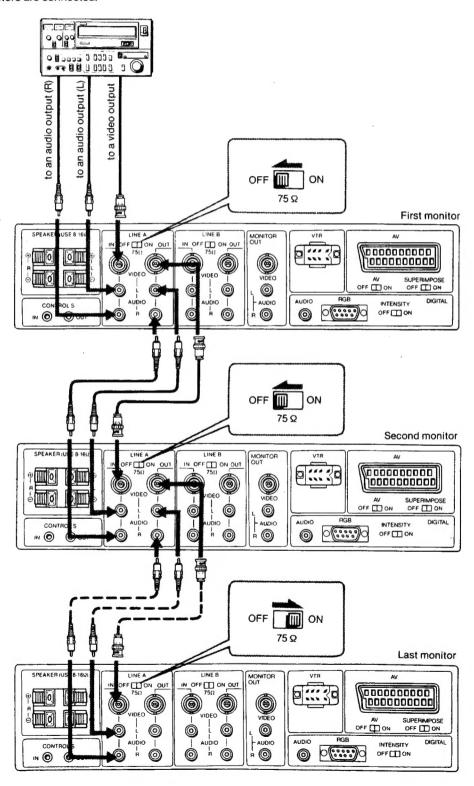


Note

- When a microcomputer has an analog RGB output connector, connect it to the AV connector.
- When a microcomputer has only a composite video output connector, connect it to the LINE A or LINE B VIDEO IN connector.

CONNECTING SEVERAL MONITORS

A loop-through connection is convenient for monitoring the same signal on ther monitors. Up to 10 monitors can be connected. It is recommended to use a signal distributor when several monitors are connected.



CONTROL S CONNECTION

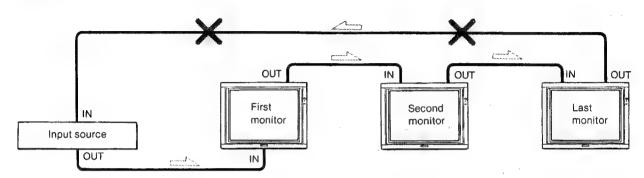
The following connections allow remote control of several monitors and a VTR through a single monitor.

Example 1 Input source with to CONTROL S CONTROL S output connectors CONTROL S OUT First monitor Remote Commander supplied with the input source CONTROL S Second monitor OUT CONTROL S Last monitor OUT Example 2 Remote CONTROL S Commander First monitor IN 🗿 Out supplied with the PVM-2730QM to CONTROL S Input source with CONTROL S input Remote Commander connectors supplied with the input source to CONTROL S CONTROL S output Second monitor OUT CONTROL S Last monitor **O** OUT

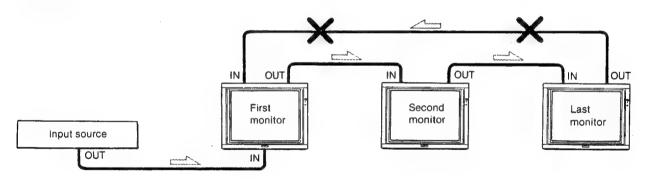
Note

Do not use the following loop connections.

Example 1



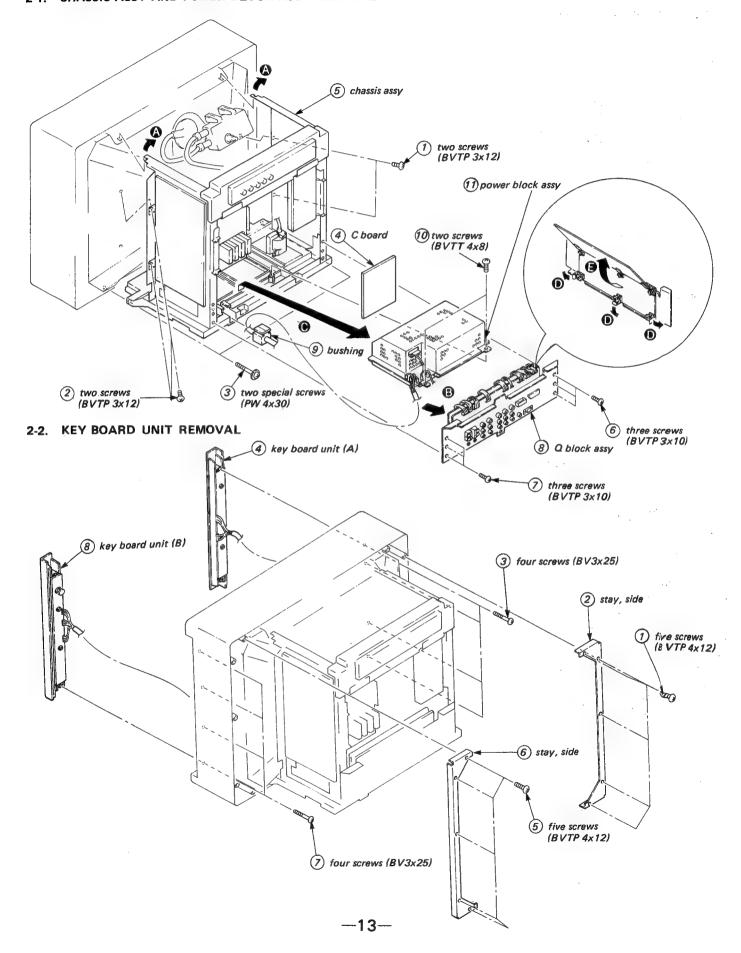
Example 2



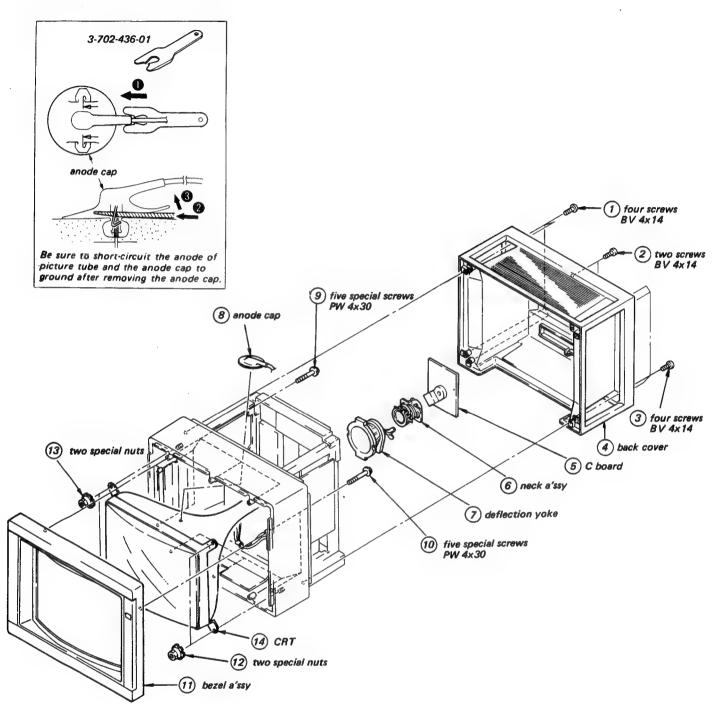
CONTROL S signal flow

SECTION 2 DISASSEMBLY

2-1. CHASSIS ASSY AND POWER BLOCK ASSY REMOVAL



2.3. PICTURE TUBE REMOVAL



SECTION 3 SETUP ADJUSTMENTS

The following adjustments should be made when a complete realignment is required or a new picture tube is installed. These adjustments should be performed with rated power supply voltage unless otherwise noted.

Perform the adjustments in order as follows:

- Beam Landing
- 2. Convergence
- SCREEN and White Balance

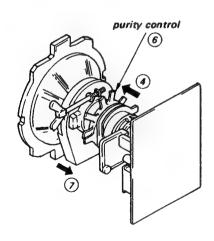
Test Equipment Required.

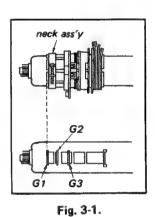
- 1. Color-bar/Pattern Genertator
- 2. Degausser

BEAM LANDING 3-1.

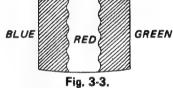
Preparation:

- Feed in the white pattern.
- Before starting, degauss the entire screen.
- Loosen deflection yoke screw.
- Position neck ass'y as shown in Fig. 3-1.
- 3. Adjust purity control as shown in Fig. 3-2.
- Slide deflection yoke as far forward as it will
- 5. Turn the raster signal of the pattern generator to
- 6. Adjust purity control to center vertical red band as shown in Fig. 3-3.
- 7. Slide deflection yoke back for a uniform red screen.
- Check green and blue rasters for uniformity by performing the same way as steps 5,6 and 7.
- 9. Tighten the deflection yoke screw.
- 10. Check if mislanding appears at corners a d as shown in Fig. 3-4. If mislanding is observed, correct it as shown in Fig. 3-4.
- 11. Confirm that beam landing is correct when the receiver is faced in all directions.









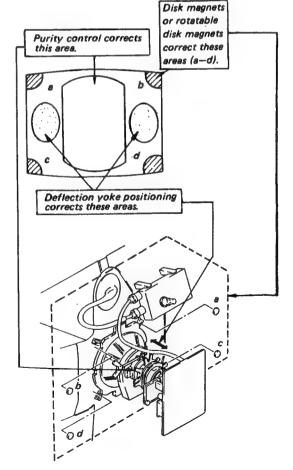


Fig. 3-4.

CONVERGENCE

Preparation:

PICTURE — fully counterclockwise

• CORNER BOW (RV2504)

• H.TILT (RV2502)

Y.BOW (RV2503) D_2 board

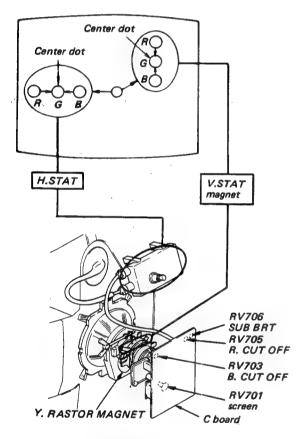
H.AMP (RV2503) mechanical center

• Y.CROSS (RV2505)

• Input a dots signal.

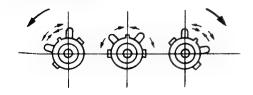
1. Match the horizontal convergence at the center of the screen with H,STAT VR.

2. Match the vertical convergence at the center of the screen with V.STAT Mg.

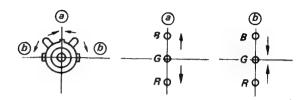


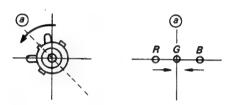
3. If the red, green and blue dots do not coincide on the center of screen with H.STAT VR, perform horizontal convergence adjustment using H.STAT VR and V.STAT magnet as shown below.

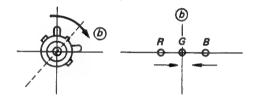
(In this case, H.STAT VR and V.STAT magnet effect each other.)

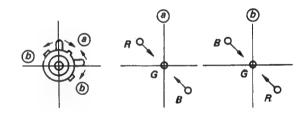


4. When the V.STAT magnet is moved in the direction of arrow a and b, Red, Green and Blue dots move as shown below.





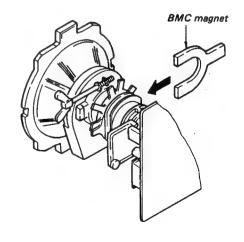




If blue dot does not coincide with red and green dot, perform following steps.

Move BMC magnet (a) to correct insufficient H. static convergence.

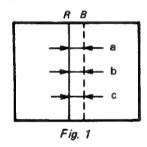
In either case, repeat Beam Landing Adjustment.



DYNAMIC CONVERGENCE Adjustment

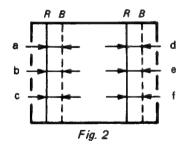
Preparation:

- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.
 - 1. Loosen deflection yoke screw.
 - 2. Remove deflection yoke spacers.
 - 3. Move the deflection yoke for best convergence.
 - 4. Tighten the deflection yoke screw.
 - 5. Install the deflection yoke spacers.
 - Adjust the Y.CROSS (RV2505) and Y. BOW (RV2503), so that RED and BLUE shown in Fig.-1 will become a=b=c.

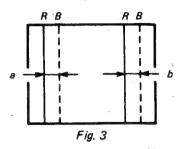


- Match the horizontal convergence at the center of the screen with H STAT VR.
- Adjust the CORNER BOW(RV2504), so that RED and BLUE shown in Fig.-2 will become a= b=c and d=e=f.

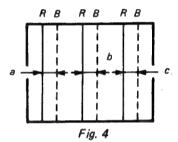
Note: At this point, if the relationship between a=c or d=f is not established, adjust the Y · CROSS (RV2505) again.



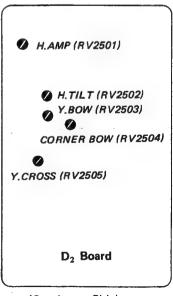
- Match the horizontal convergence at the centre of the screen with the H STAT VR.
- 10. Adjust the H TILT (RV2502)so that the RED and BLUE shown in Fig.-3 will become a=b.



11. Adjust the H AMP (RV2501) so that the RED and BLUE shown in Fig. 4 will become a=2b.



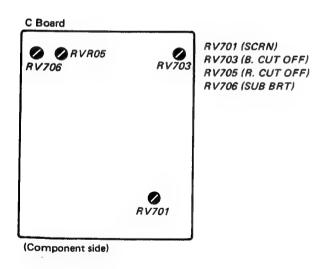
- Match the horizontal convergence at the center of the screen with the H STAT VR.
- When the H AMP is adjusted repeat the procedures described in Steps 5 to 7.
- 14. If divergence of the convergence exists at the corner of the screen, the adjustments described in Steps after 3 should be repeated.

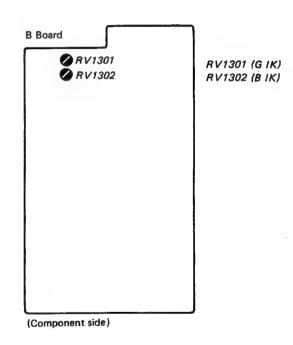


(Conductor Side)

WHITE BALANCE ADJUSTMENT

- 1) SCREEN (G2) Adjustment
 - 1. Input the dot signal.
- 2. Set the PICTURE control to minimum.
- 3. Confirm that G1 line voltage is 30±5vDC.
- Apply 180vDC voltage from DC POWER SUP-PLY to cathodes terminal of R.G.B.
- 5. Adjust with the various cut off controls (RV705), (RV703) so that the cathode voltage for Red and Blue is 180v.
- 6. While watching the screen, adjust with the position immediately before the trace disappears with the screen control (RV701).
- 2) W/B Adjustment
 - 1. Input a all white signal.
 - 2. Set the PICTURE control to minimum and "Reset" BRIGHTNESS.
 - Adjust RV705 (cut off R) and RV703 (cut off B) for best White Balance.
 - 4. Set PICTURE control to maximum.
 - 5. Adjust RV3301 (B, IK) and RV3320 (G, IK) for best White Balance.
- 6. Reset steps 2 to 5.



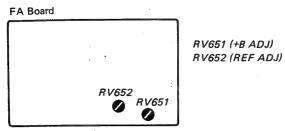


SECTION 4 CIRCUIT ADJUSTMENTS

4-1. FA. FC BOARDS ADJUSTMENT

+B Line Adjustment

- 1. Supply 220V ac to with variable auto-transformer.
- 2. Adjust RV651 so that the +B line is 140V ±0.5V.
- 3. Adjust RV652 so that the pin \bigcirc 1 of IC651 is 32 ±0.1V.



(Component side)

4-2. D AND D3 BOARD ADJUSTMENTS

Horizontal Position Adjustment

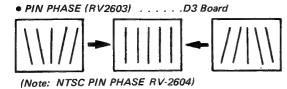
Check that H center moves so that and left with horizontal position VR (RV1503), then adjust horizontal position to center.

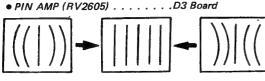
HV REG. ADJUSTMENT

- Set the PICTURE control to maximum and BRIGHT-NESS control for the RESET position.
- 2. Adjust HV REG voltage to 1.0 ±0.1 V dc with RV1510.

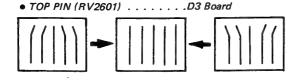
Picture Distortion Adjustment

- Picture distortion adjustment input a PAL color bar signal equivalent to a crosshatch signal.
- Confirm that the voltage of connector D-10 is less than 9.98V dc when the RV1510 (HV REG VR), with fully clockwise.





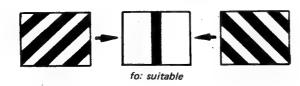
(Note: NTSC PIN AMP RV-2606)

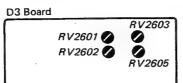


- 3. Adjust RV1505 (H. SIZE) so that H. SIZE is best.
- Adjust RV1503 (H. CENT) so that horizontal position is center.
- 5. Adjust RV501 (V. SIZE) so that V. SIZE is best.
- 6. Adjust RV503 (V. CENT) so that V. CENT is best.
- 7. Adjust RV1506 (PICTURE AMP) so that picture center is best

H. FREQ ADJUSTMENT

- Input a color bar signal and short between IC1501 pins
 and (11)
- 2. Adjust RV1501 (H. FREQ VR) so that picture flow is as shown in figure.
- 3. After adjustment, remove the connections in step 1.





RV2601 (TOP PIN) RV2602 (BOTTOM PIN) RV2603 (PIN PHASE 50) RV2605 (PIN AMP 50)

(Component side)

D Board

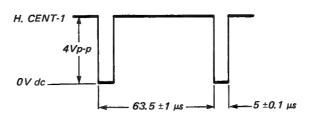
RV1503 RV1505 RV1501 RV1506 RV503 RV1510

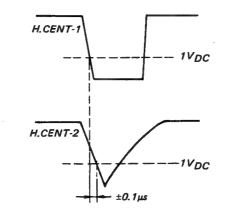
RV503 (V. CENT) RV1501 (H. FREQ) RV1503 (H. CENT) RV1505 (H. SIZE) RV1506 (PICTURE AMP) RV1510 (H. V REG)

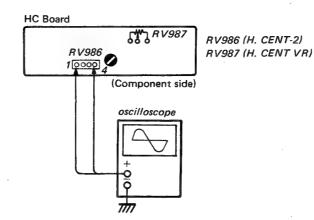
4-3. HC BOARD ADJUSTMENT

H. CENTER Adjustment (DIGITAL RGB)

- Connect to the digital RGB output connector of a microcomputer.
- 2. Press to select the RGB mode.
- Turn the H. CENT VR (RV987---- Rear control panel) to center position.
- Connect the oscilloscope to pin 4 of HC-2 connector and pin 1 of HC-2 connector.
- Adjust RV986 (H. CENT-2) so that the phase difference level is ±0.1 μsec.



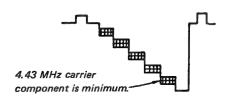




4-4. B BOARD ADJUSTMENTS

Y Chroma Adjustment

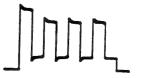
- 1. Input a PAL color bar signal.
- 2. Connect an oscilloscope to pin (35) of IC301, and adjust so that chroma component is minimum on pin (35) of IC301 waveform while tracking with L451 (4.43 MHz).



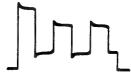
- 3. Input a NTSC (3.58) color bar signal
- 4. Connect an oscilloscope to pin (35) of IC301 and adjust so that croma component is minimum on pin (35) of IC301 waveform while tracking with L452.

COLOR BALANCE Adjustment

- Input a SECAM color bar signal and set PICTURE to maximum.
 - Press "RESET" to set color to standard state.
- 2. Observe blue output (TP33) waveform on the osilloscope and adjust L421 (B-Y) so that the black portion of the color bar is the same level as the pedestal.



 Observe blue output (TP31) waveform on the oscilloscope and adjust L405 (R-Y) so that the blackportion of the color bar is the same level as the pedestal.



TMENT

GITAL RGB)

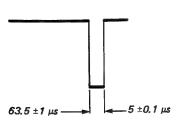
RGB output connector of a

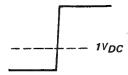
mode.

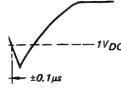
(RV987---- Rear control panel)

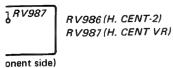
e to pin 4 of HC-2 connector

NT-2) so that the phase differ-







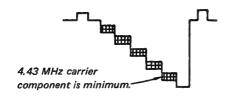




4-4. B BOARD ADJUSTMENTS

Y Chroma Adjustment

- 1. Input a PAL color bar signal.
- Connect an oscilloscope to pin 35 of IC301, and adjust so that chroma component is minimum on pin 35 of IC301 waveform while tracking with L451 (4.43 MHz).

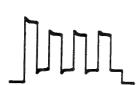


- 3. Input a NTSC (3.58) color bar signal.
- 4. Connect an oscilloscope to pin 35 of IC301 and adjust so that croma component is minimum on pin 35 of IC301 waveform while tracking with L452.

COLOR BALANCE Adjustment

- Input a SECAM color bar signal and set PICTURE to maximum.

 Press "RESET" to set color to standard state.
- Observe blue output (TP33) waveform on the osilloscope and adjust L421 (B-Y) so that the black portion of the color bar is the same level as the pedestal.



 Observe blue output (TP31) waveform on the oscilloscope and adjust L405 (R-Y) so that the black portion of the color bar is the same level as the pedestal.



ANTI-PAL, LINE CRAWLING Adjustment

- Input a PAL color bar signal and set PICTURE to maximum.
 Press "RESET" to set COLOR, HUE and BRT to standard state.
- Confirm that there is no color on the first anti-PAL signal frames at the right and left of the picture. If sides while tracking with RV303.
- 3. Adjust T301 (DAT) for minimum line crawling.
- 4. Confirm the anti-PAL adjustment in 2, and repeat 3, and 1 if necessary.

APC Adjustment

4.43 adjustment

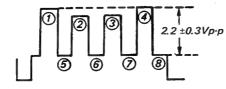
- 1. Input a PAL color bar signal.
- 2. Short pin (11) and pin (12) on IC301.
- 3. Adjust CT443 to get color sync.

3.58 adjustment

- 4. Input a NTSC (3.58 MHz) color bar signal.
- 5. Adjust CT358 to get color sync.

ACC, HUE CENT Adjustment

- 1. Input a PAL color bar signal and set PICTURE maximum
- Adjust RV302 (ACC ADJ) so that blue output (TP33) waveform is as shown in figure.



- Input a NTSC (3.58 or 4.43) color bar signal and set PICTURE to maximum.
 - Press "RESET" to set COLOR, HUE and BRIGHT-NESS to standard state.
- 4. Adjust RV318 (S. HUE) so that blue output (TP33) waveform is as shown in figure.

B Board

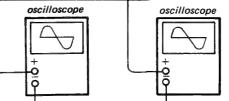
CT358 (3.58) CT443 (4.43)

L405 (R-Y) L421 (B-Y) L451 (4.43 MHz) L452 (Y/CHROMA)

RV302 (ACC) RV303 (φ) RV318 (S. HUE) T301 (DAT)

T301 (DAT)

(Component side)



0

IC301

CT443

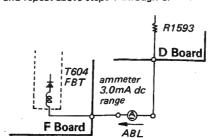
7301 CT358

RV302 35

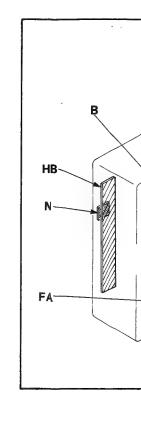
4-5. SAFETY CHECK Adjustment

HOLD DOWN ADJUSTMENT (* R597)

- Turn the POWER switch ON, and receive entirely white signals and set the PICTURE and BRIGHTNESS control to maximum.
- Confirm that the voltage of the TP85 is more than 8.7V DC when the set is operating normally with 120V AC supply.
- Adjust ABL current to 1600 ±30μA with PICTURE and BRIGHTNESS.
- 4. Confirm that there is less than 10.50V DC where by the raster disappears during operation of hold-down circuit. (HOLD DOWN check point of TP85)
- Adjust ABL current to 290 ±5μA with PICTURE and BRIGHTNESS.
- Confirm that there is less than 11.00V DC where by the raster disappears during operation of hold-down circuit. (HOLD DOWN check point of TP85).
- Note: If the hold-down circuit starts operating in the above case, switch OFF and POWER of the set immediately.
- If above steps is not satisfied, select resistance value of R597 and repeat above steps 1 through 6.

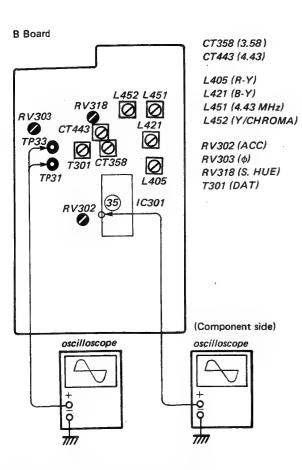


5-1. CIRCUIT BOARDS LOCATION



SECTION 5 DIAGRAMS

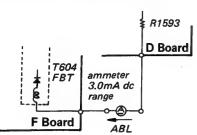
5-1. CIRCUIT BOARDS LOCATION

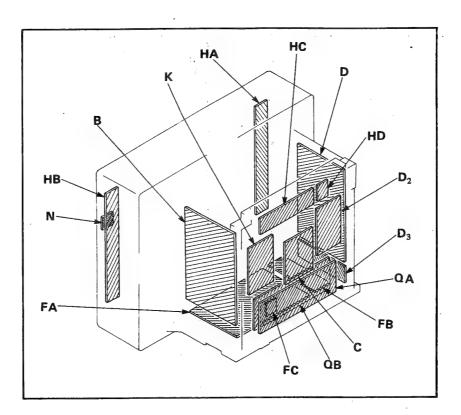


4-5. SAFETY CHECK Adjustment

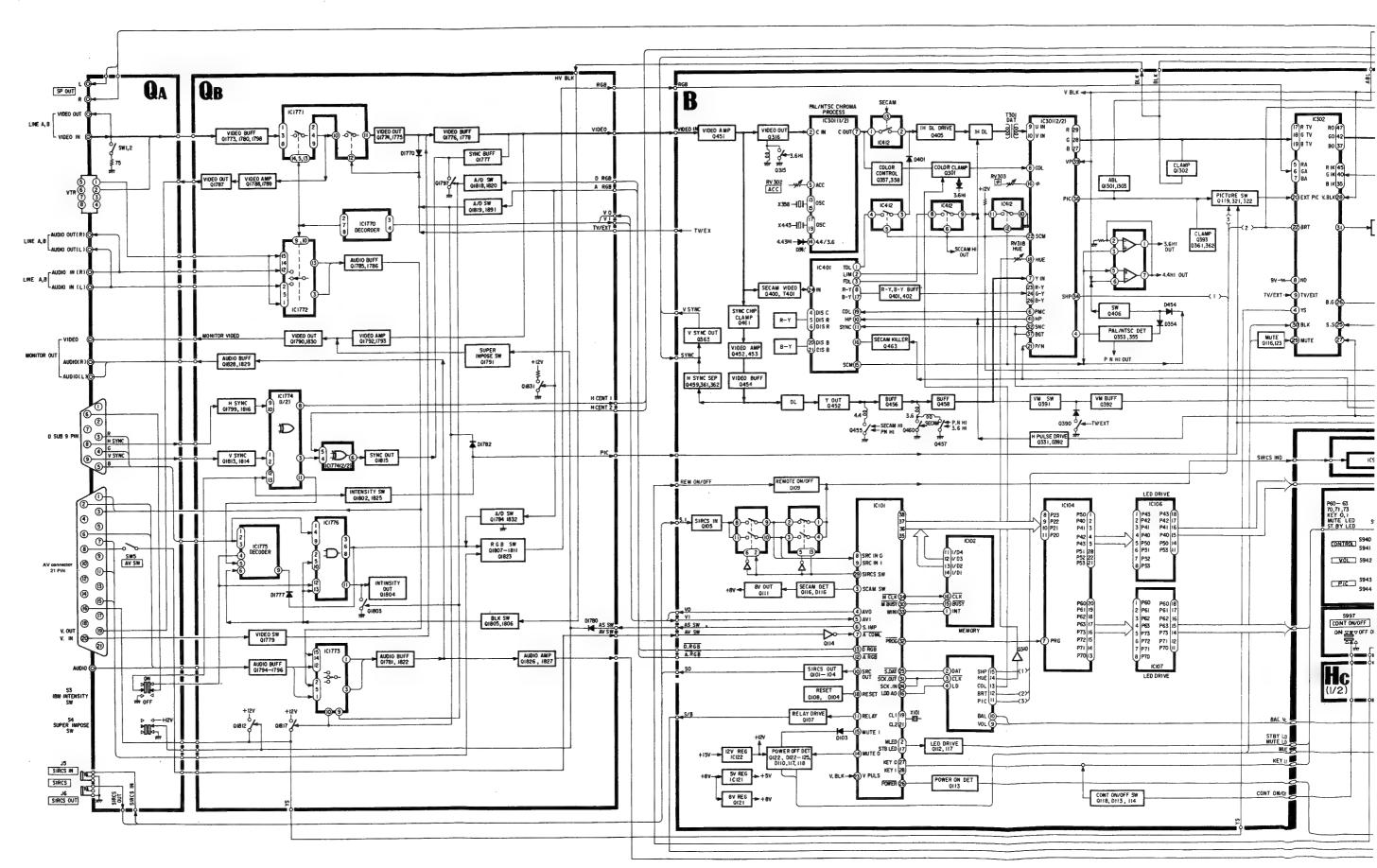
HOLD DOWN ADJUSTMENT (* R597)

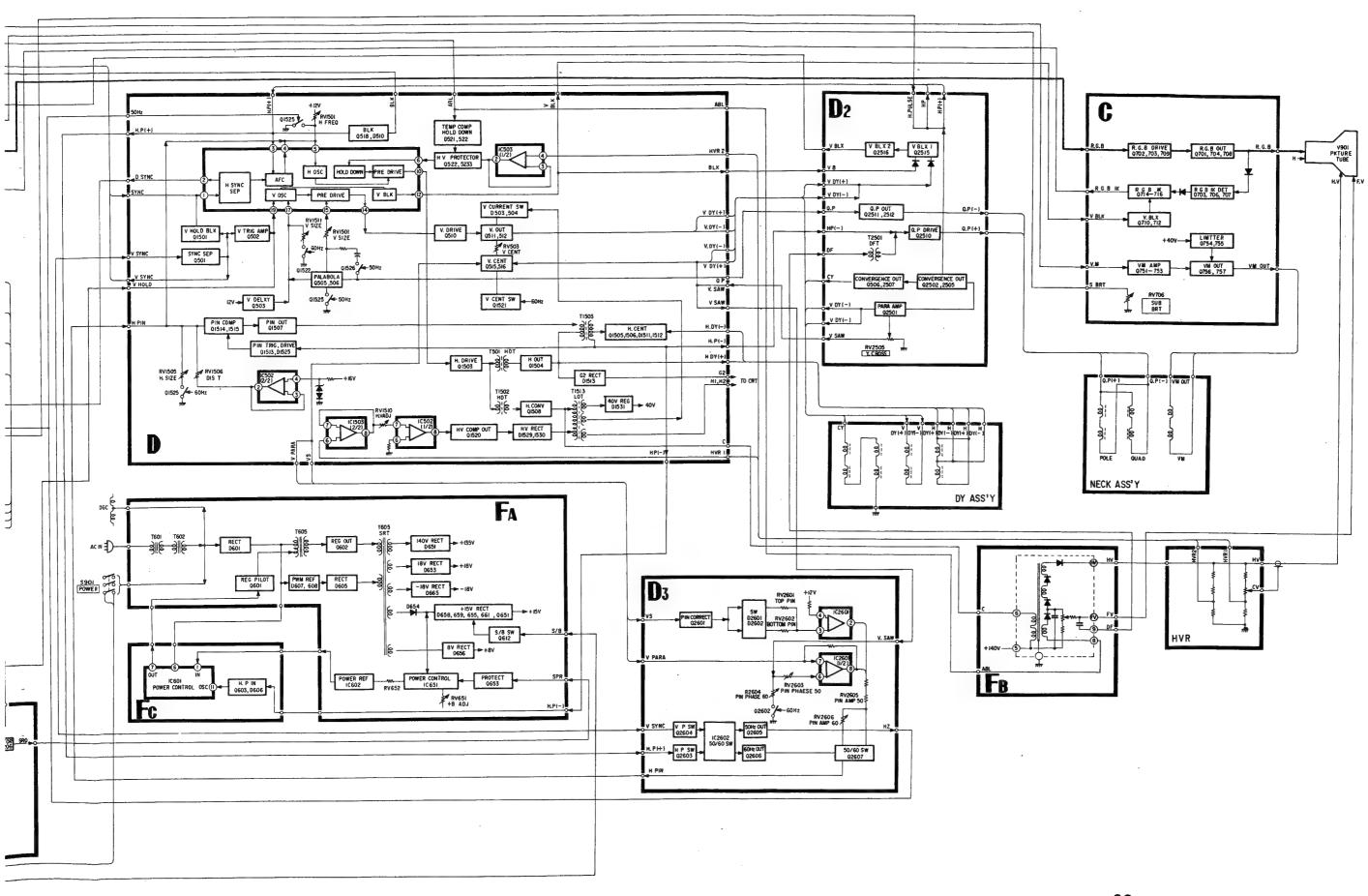
- Turn the POWER switch ON, and receive entirely white signals and set the PICTURE and BRIGHTNESS control to maximum.
- Confirm that the voltage of the TP85 is more than 8.7V DC when the set is operating normally with 120V AC supply.
- 3. Adjust ABL current to 1600 ±30μA with PICTURE and BRIGHTNESS.
- Confirm that there is less than 10.50V DC where by the raster disappears during operation of hold-down circuit. (HOLD DOWN check point of TP85)
- Adjust ABL current to 290 ±5µA with PICTURE and BRIGHTNESS.
- Confirm that there is less than 11.00V DC where by the raster disappears during operation of hold-down circuit. (HOLD DOWN check point of TP85).
- Note: If the hold-down circuit starts operating in the above case, switch OFF and POWER of the set immediately.
- If above steps is not satisfied, select resistance value of R597 and repeat above steps 1 through 6.

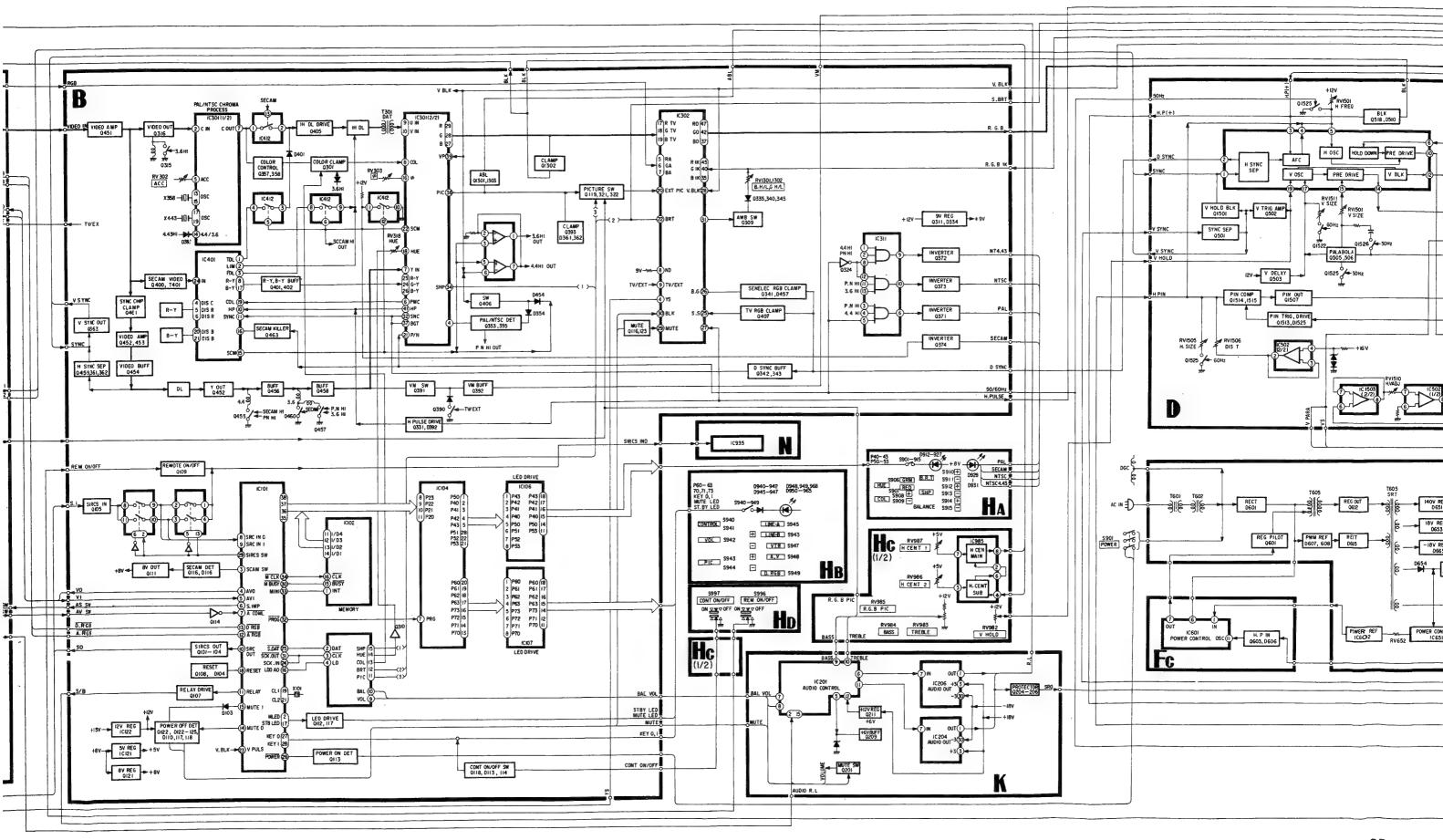




5-2. BLOCK DIAGRAM





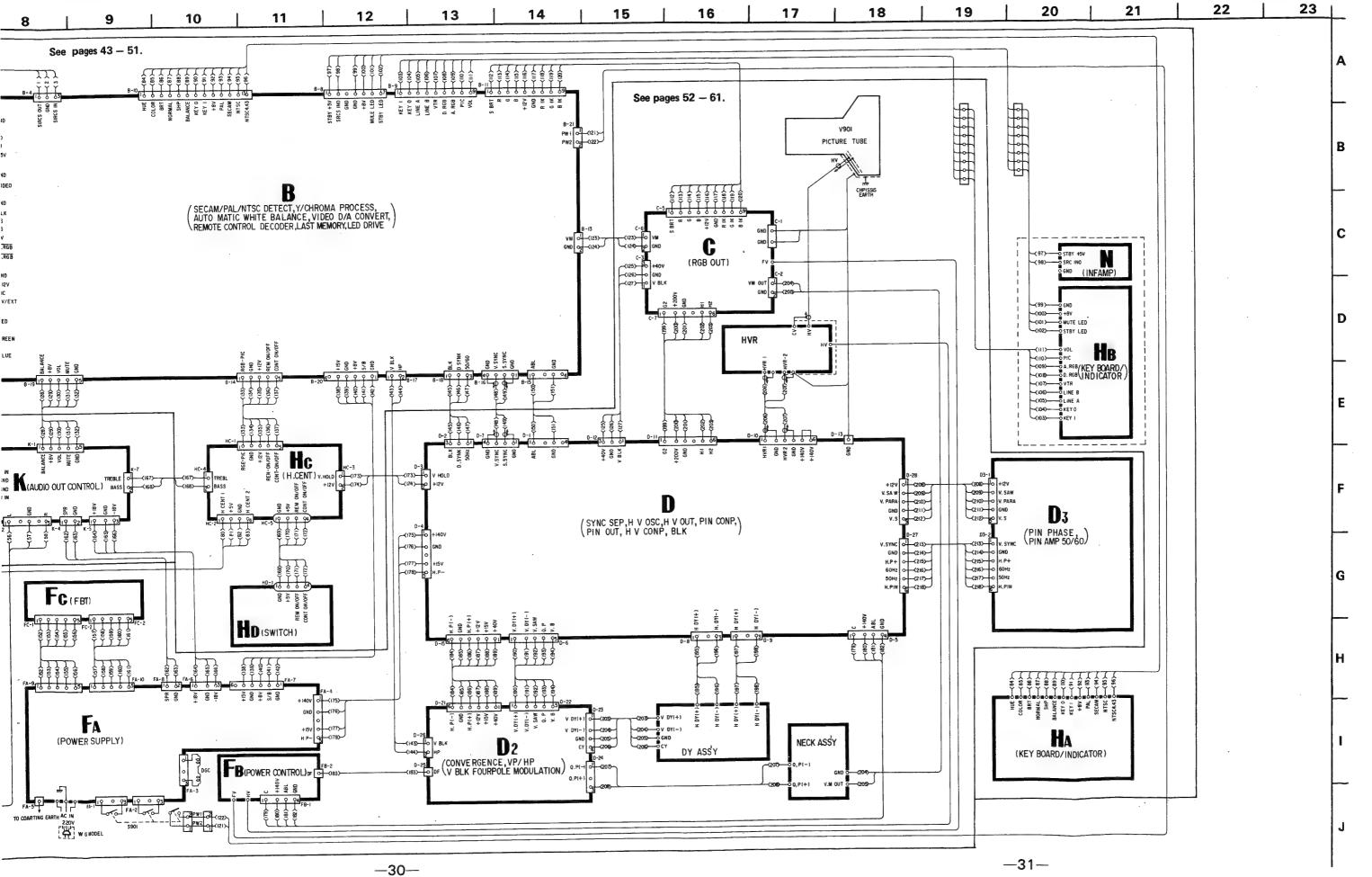


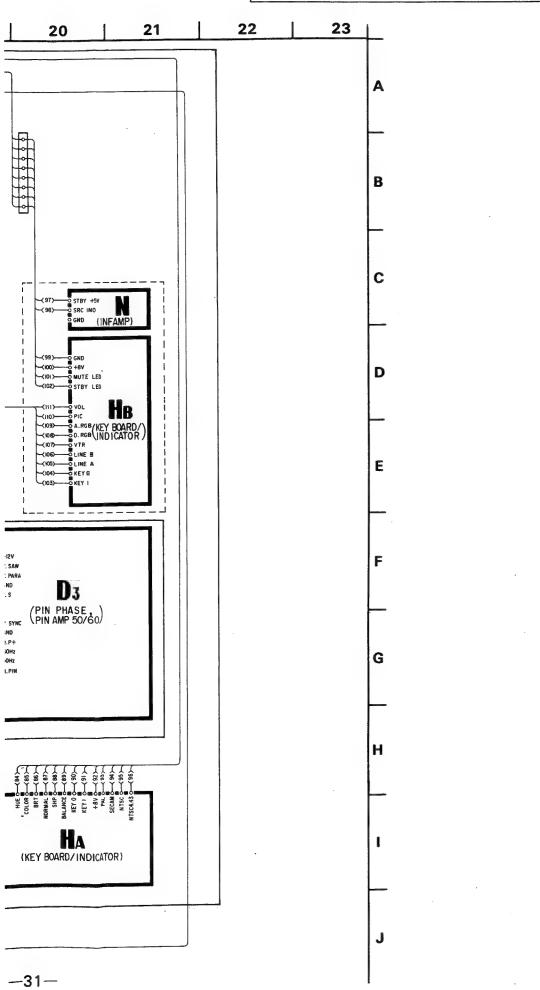
-25-

-30-

-29-

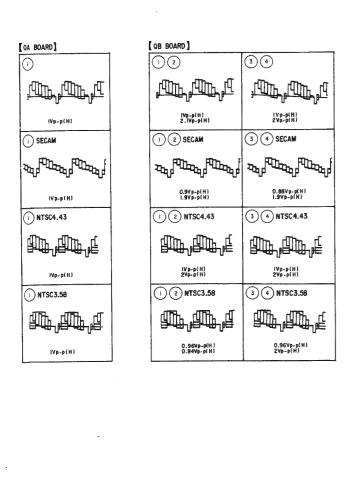
2M



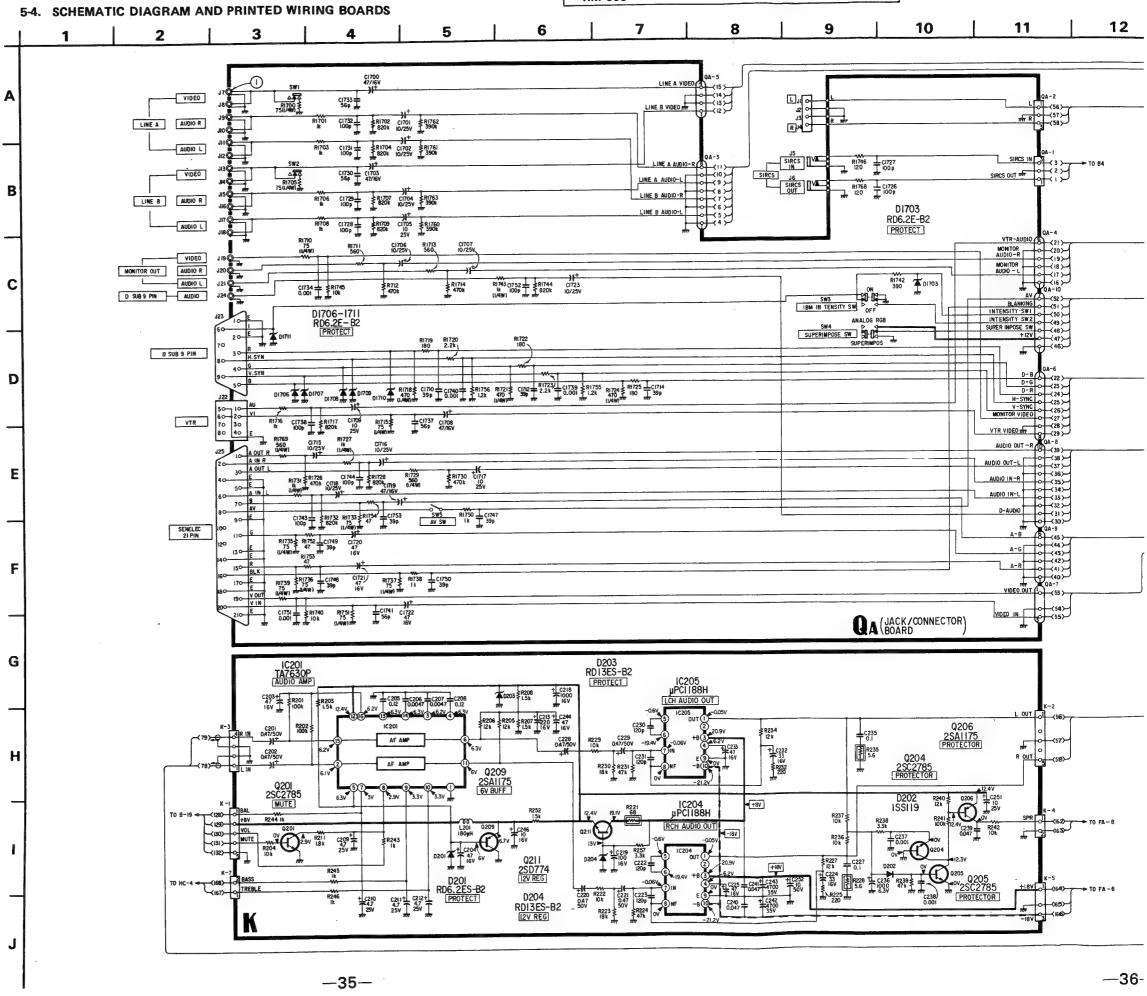


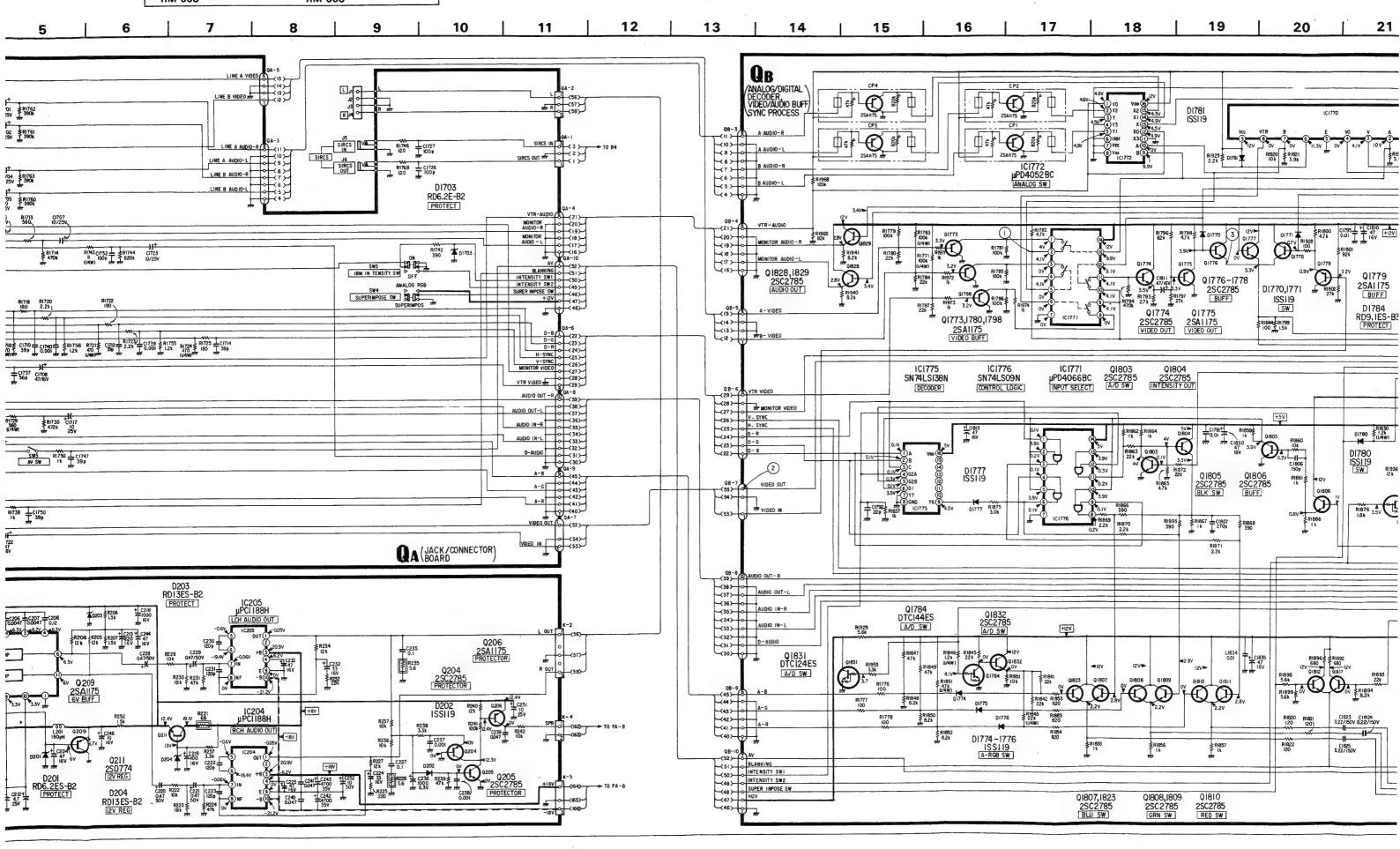
Note:

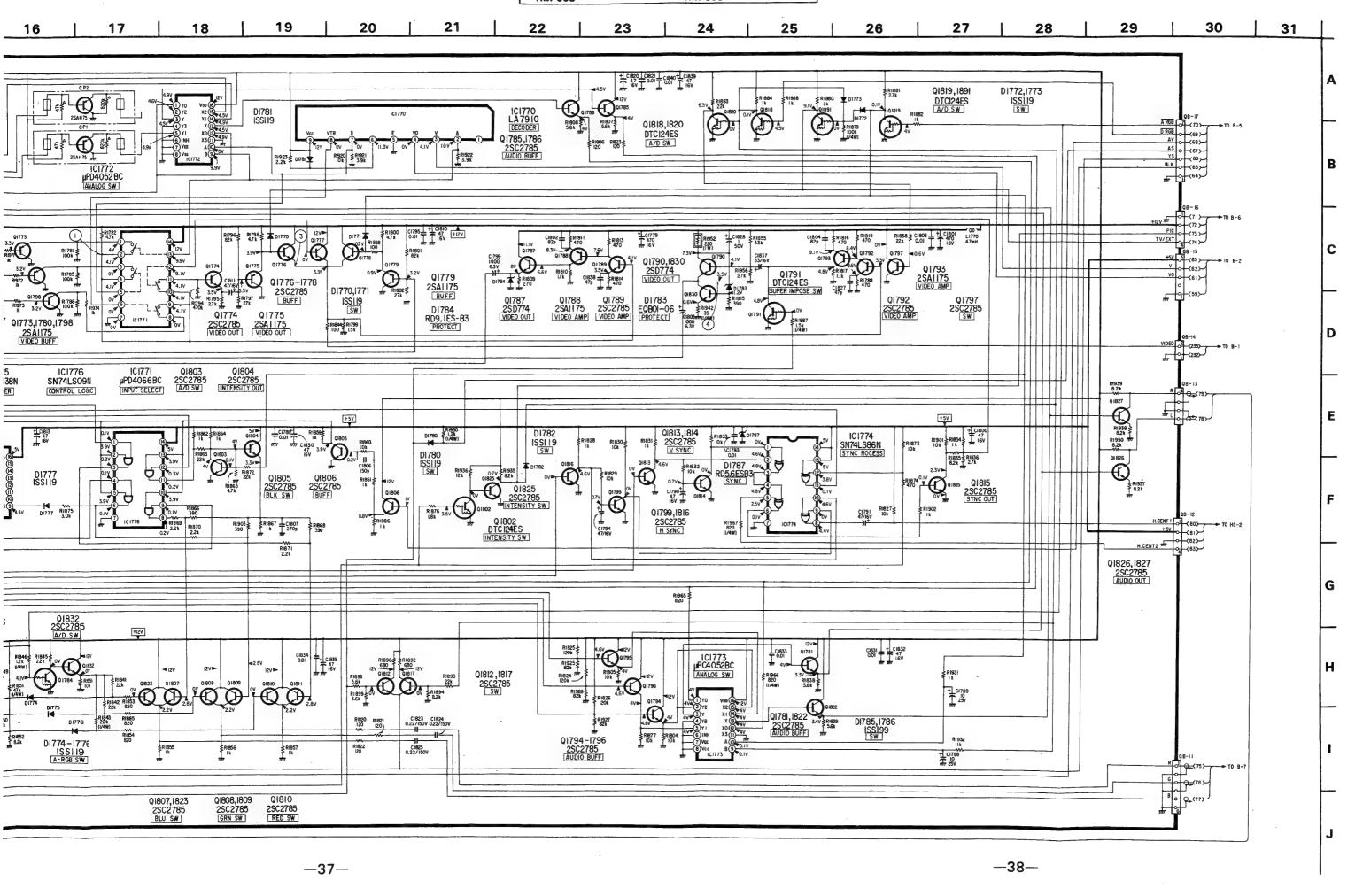
- All resistors are in ohms, 1/6W unless otherwise noted.
 kΩ: 1000Ω, MΩ: 1000kΩ.
- All capacitors are in μF unless otherwise noted, pF: μμF.
 50WV or less are not indicated except for electrolytics.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- monflammable resistor.
- fusible resistor.
- _____: panel designation.
- △ : internal component.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken with a color-bar signal input.
- Readings are taken with a digital multimeter (DC10M Ω).
- Voltage variations may be noted due to normal production tolerances.
- adjustment for repair.
- Circled numbers refer to waveforms.
- no mark: with PAL color-ber signal input.
 - (): with SECAM color-ber signal input.
 - (()) : with NTSC 3.58MHz color-ber signal input.
 - []: with NTSC 4.43MHz color-ber signal input.
- * : Selected to yield optimum performance.

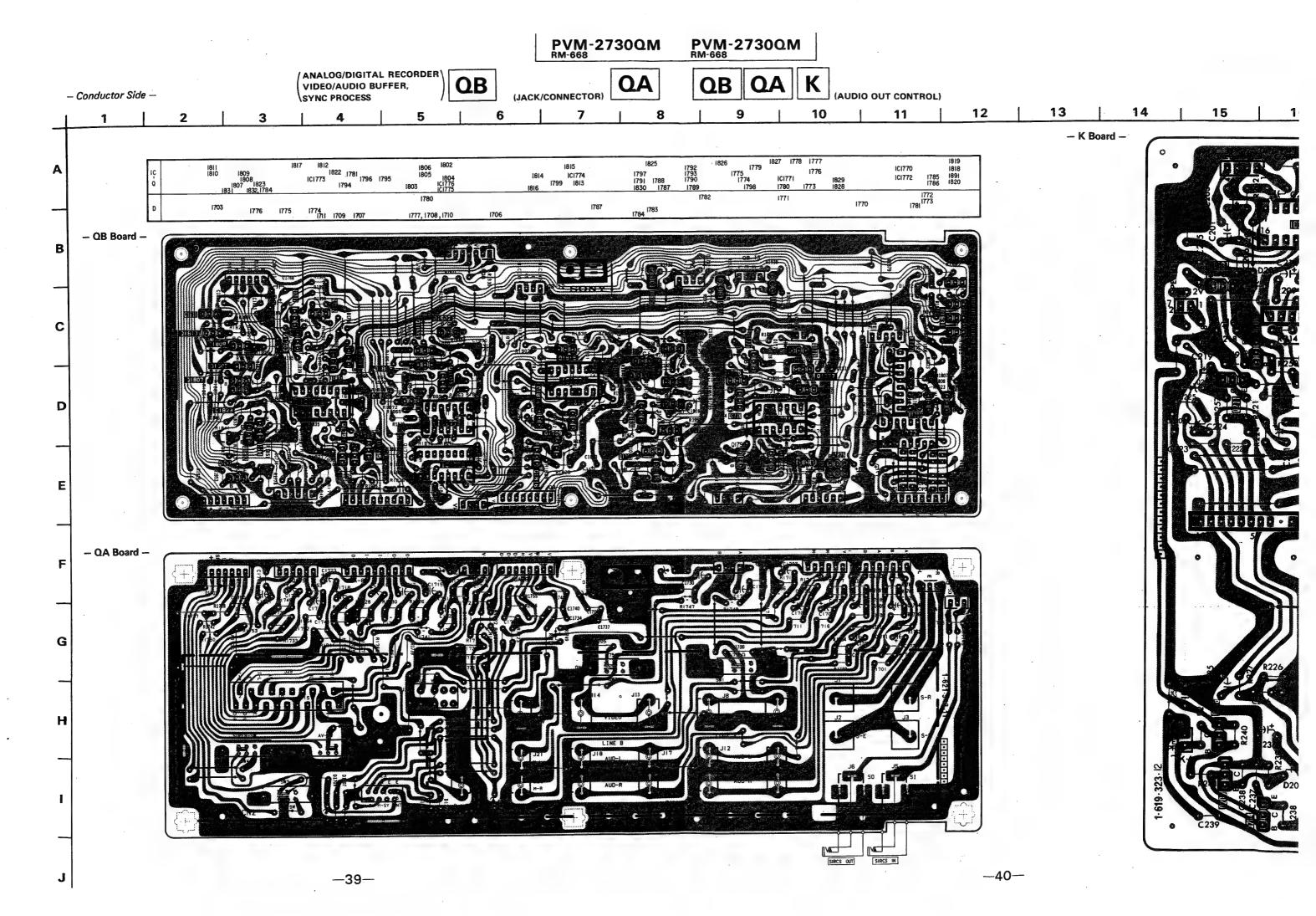


-34-





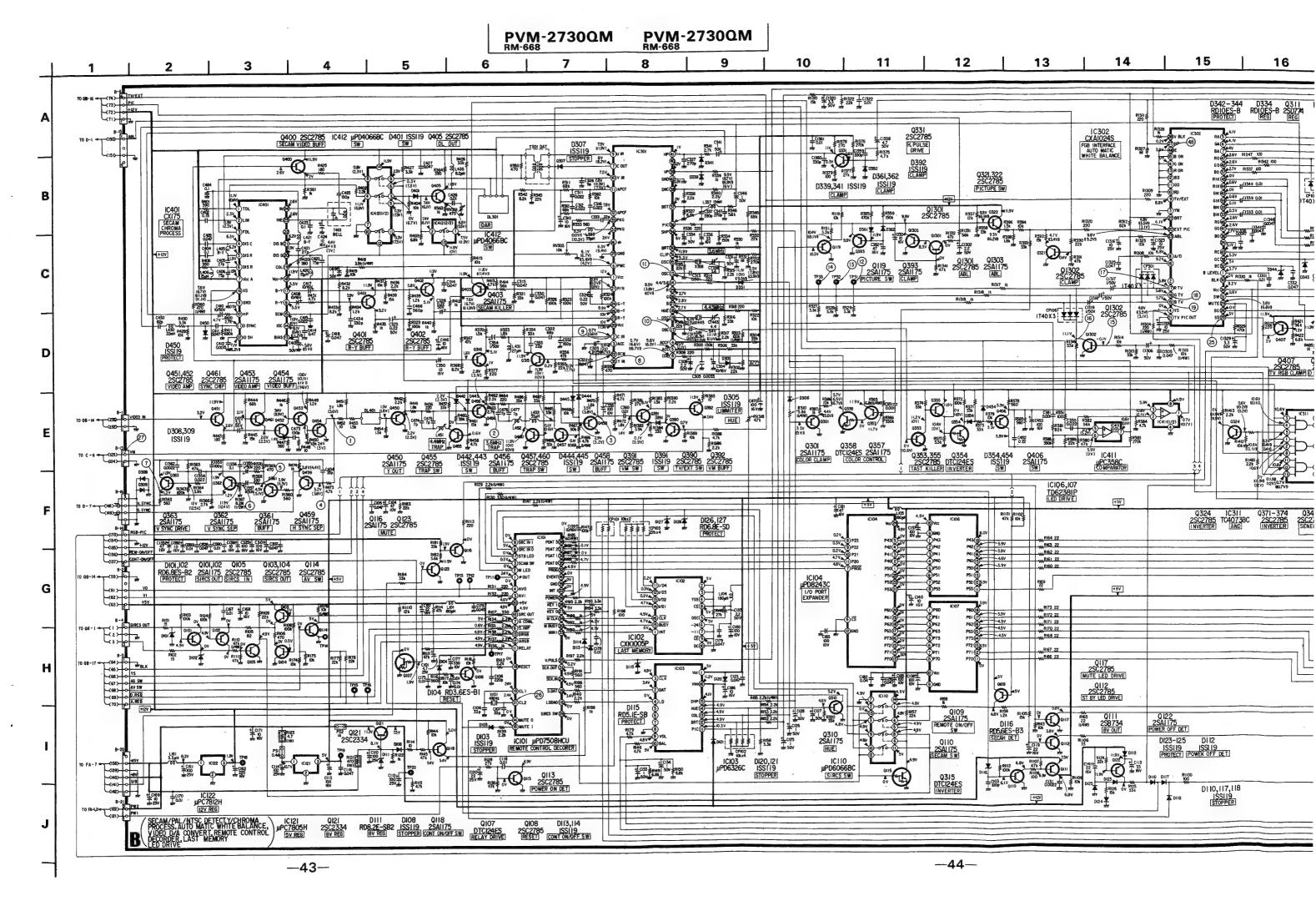


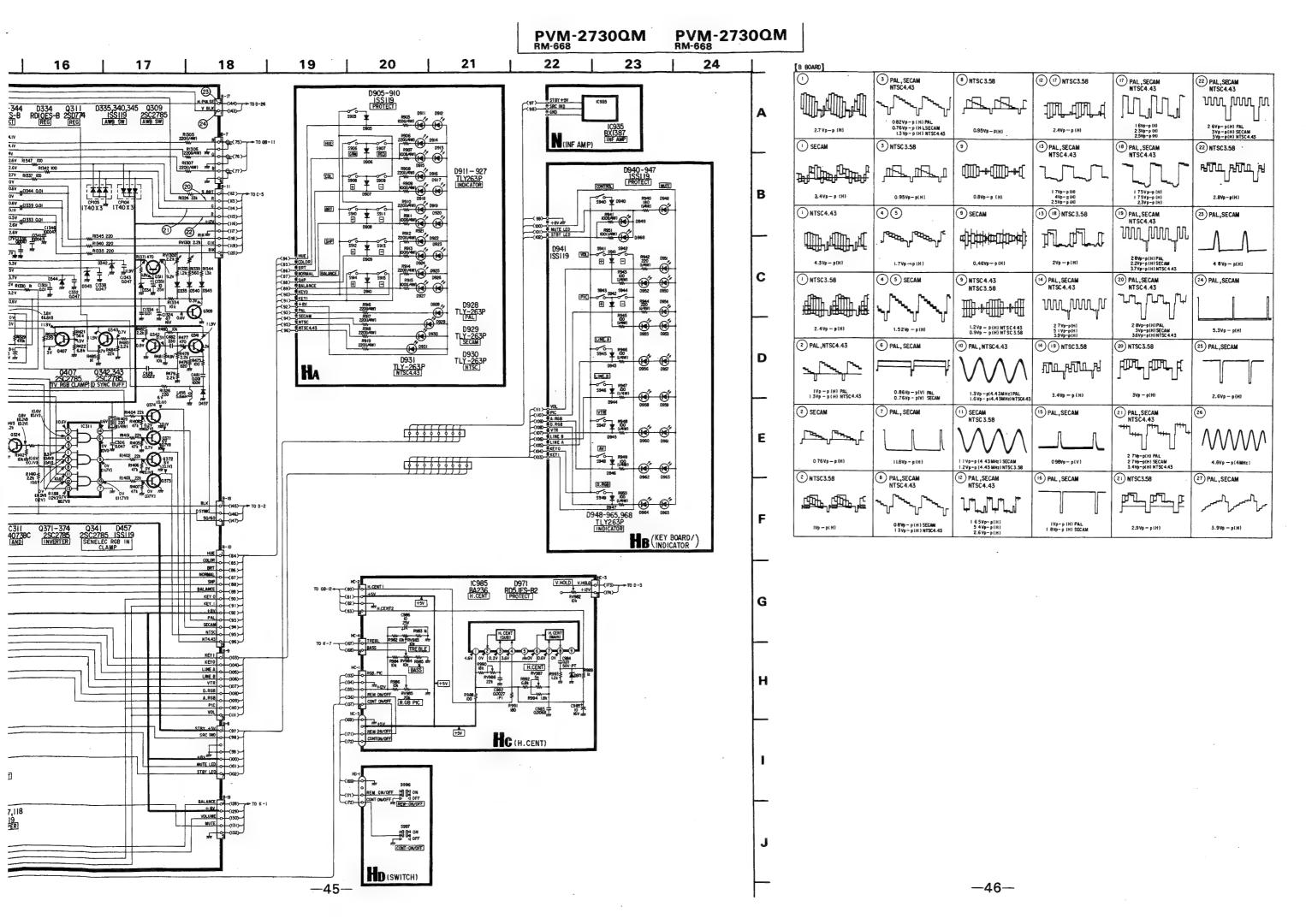


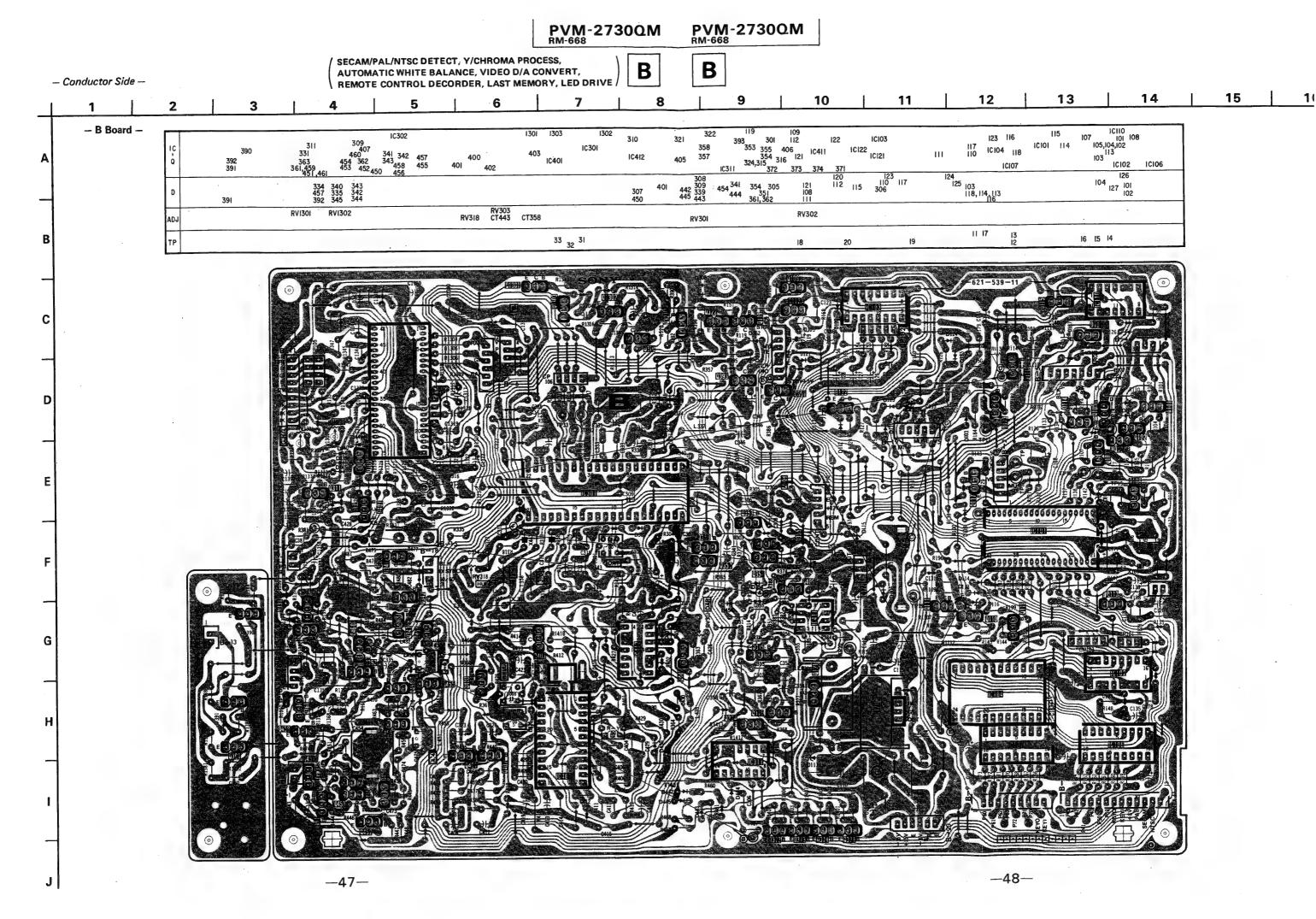
PVM-2730QM RM-668 PVM-2730QM RM-668

K

-42-







10

PVM-2730QM RM-668 PVM-2730QM RM-668 HB

(KEY BOARD/INDICATOR)

18

HA

(KEY BOARD/INDICATOR)

HC

HA HB

21 22 25 20 23 24 19

107 108 105,104,102 103 123 116 IC104 |18 IC102 IC106 124 125 ₁₀₃ 118,114,113 120 112 115 110 117 104 127 101 102 RV302

11

12

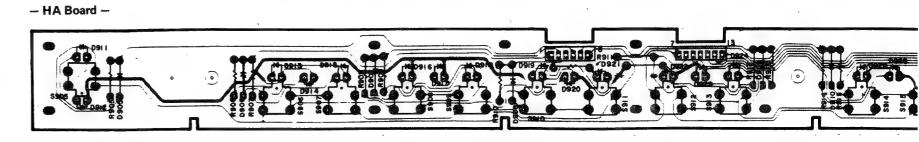
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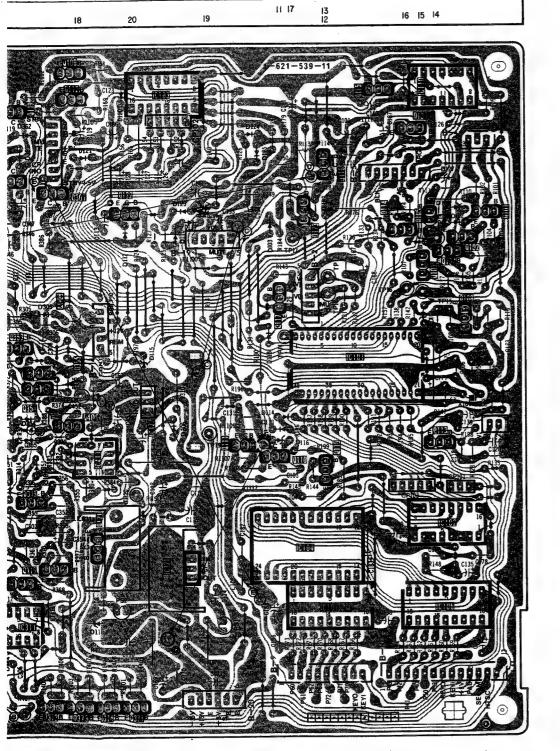
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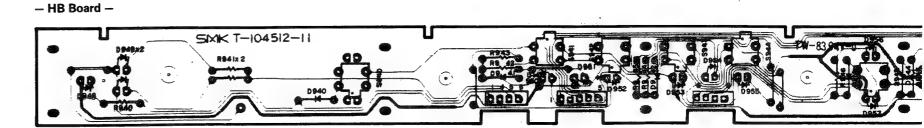
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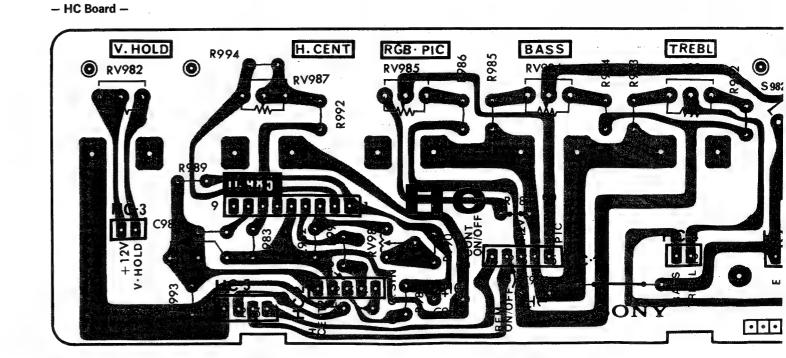
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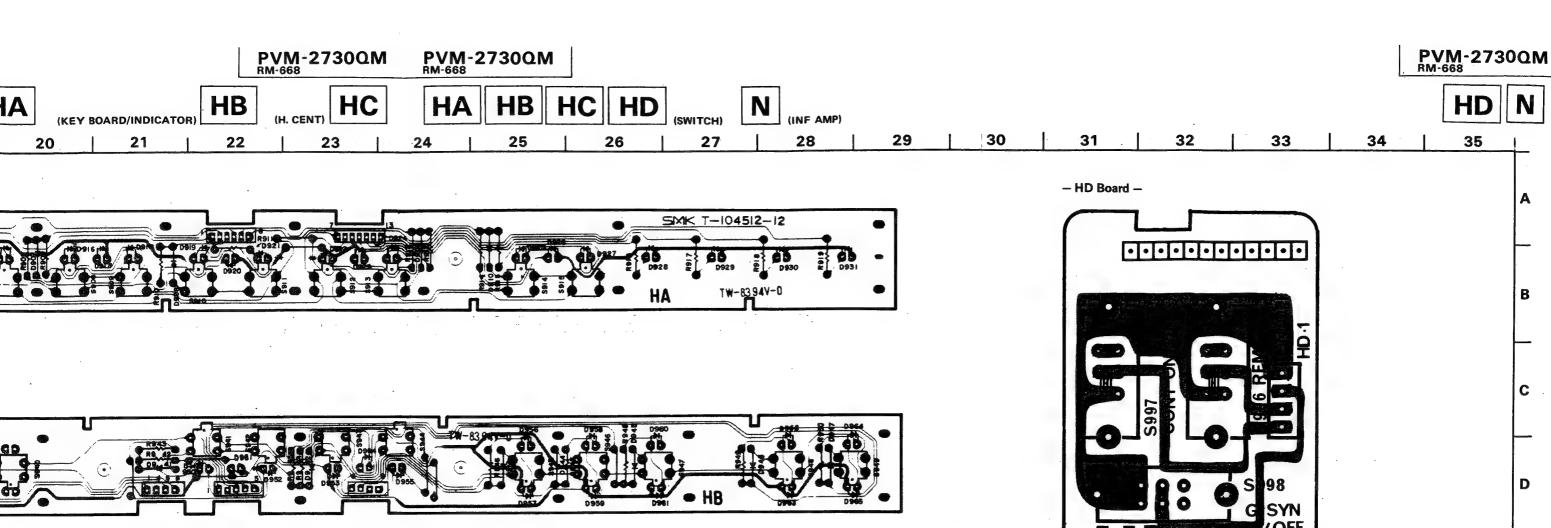
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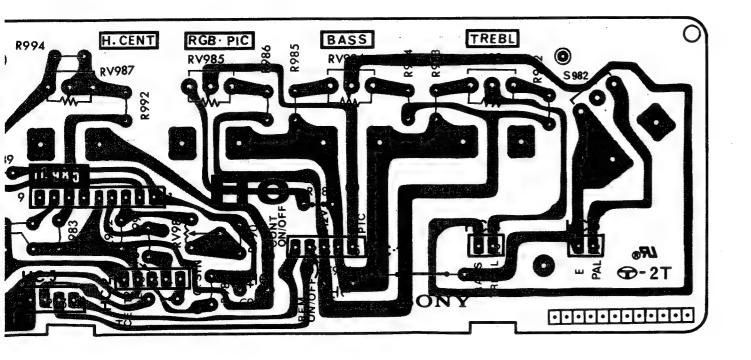


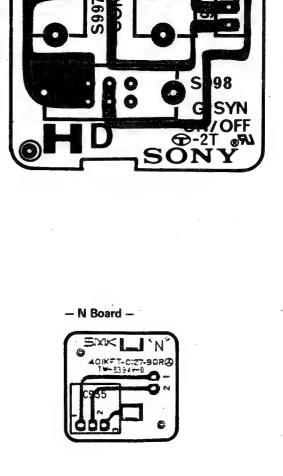




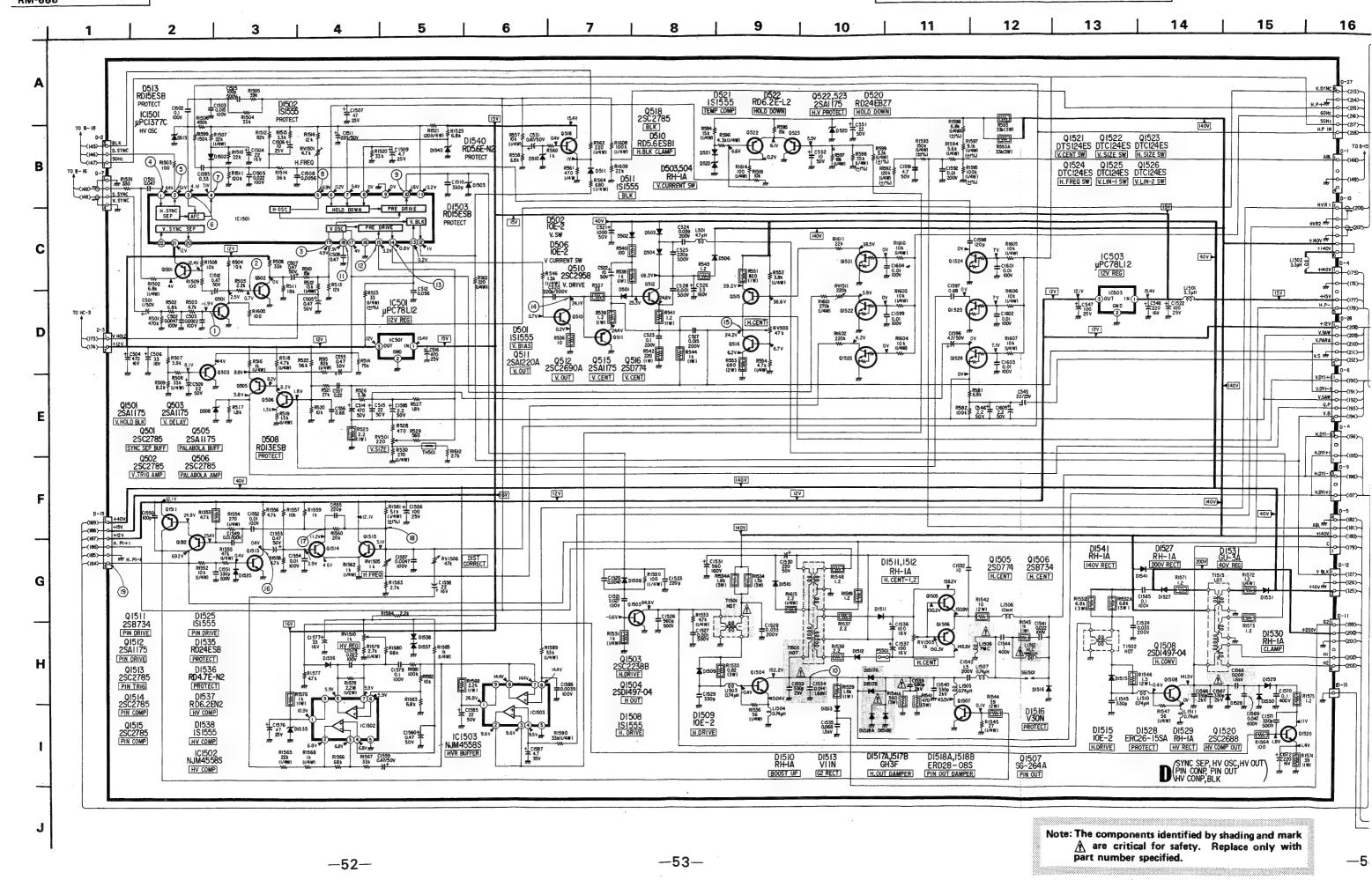


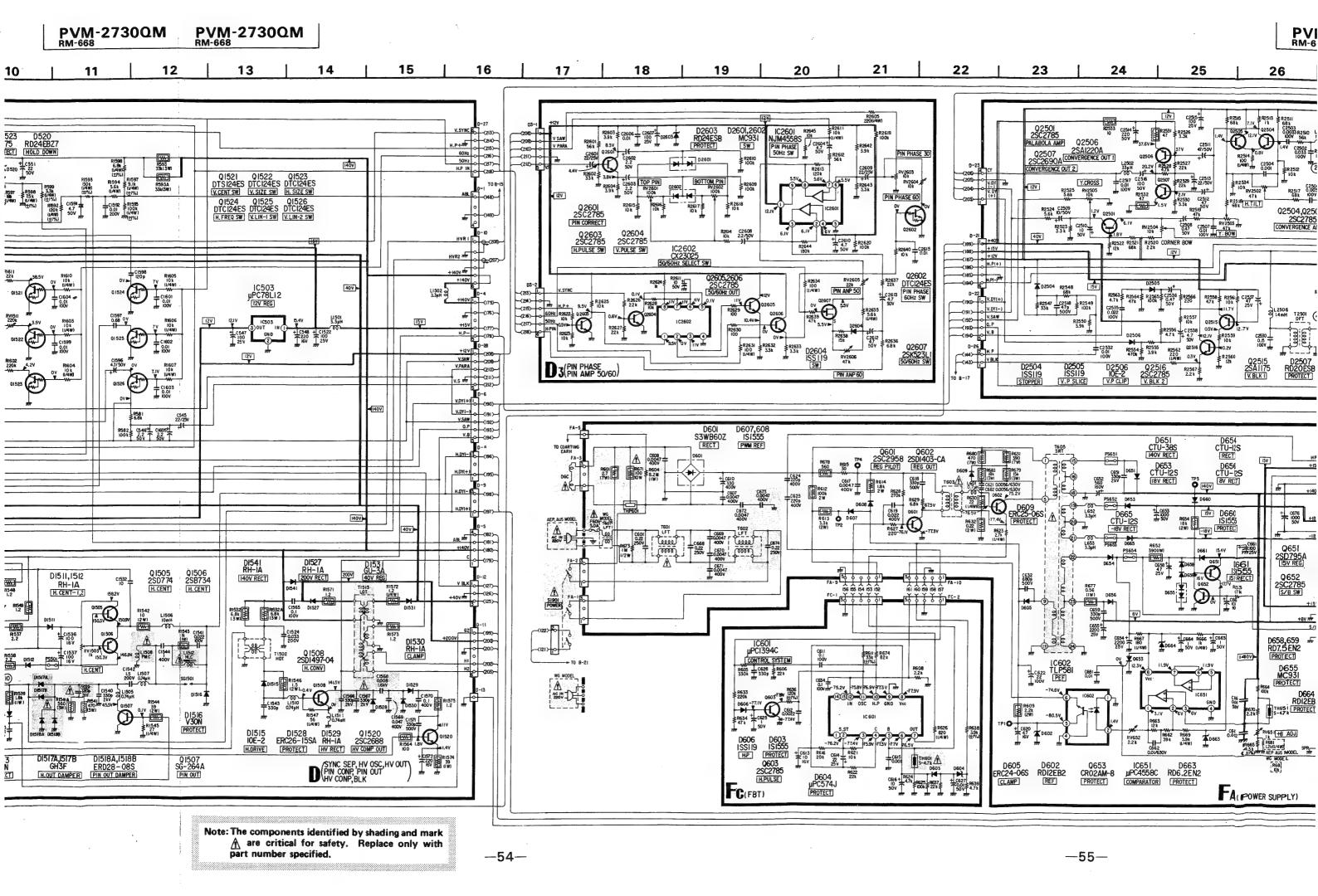


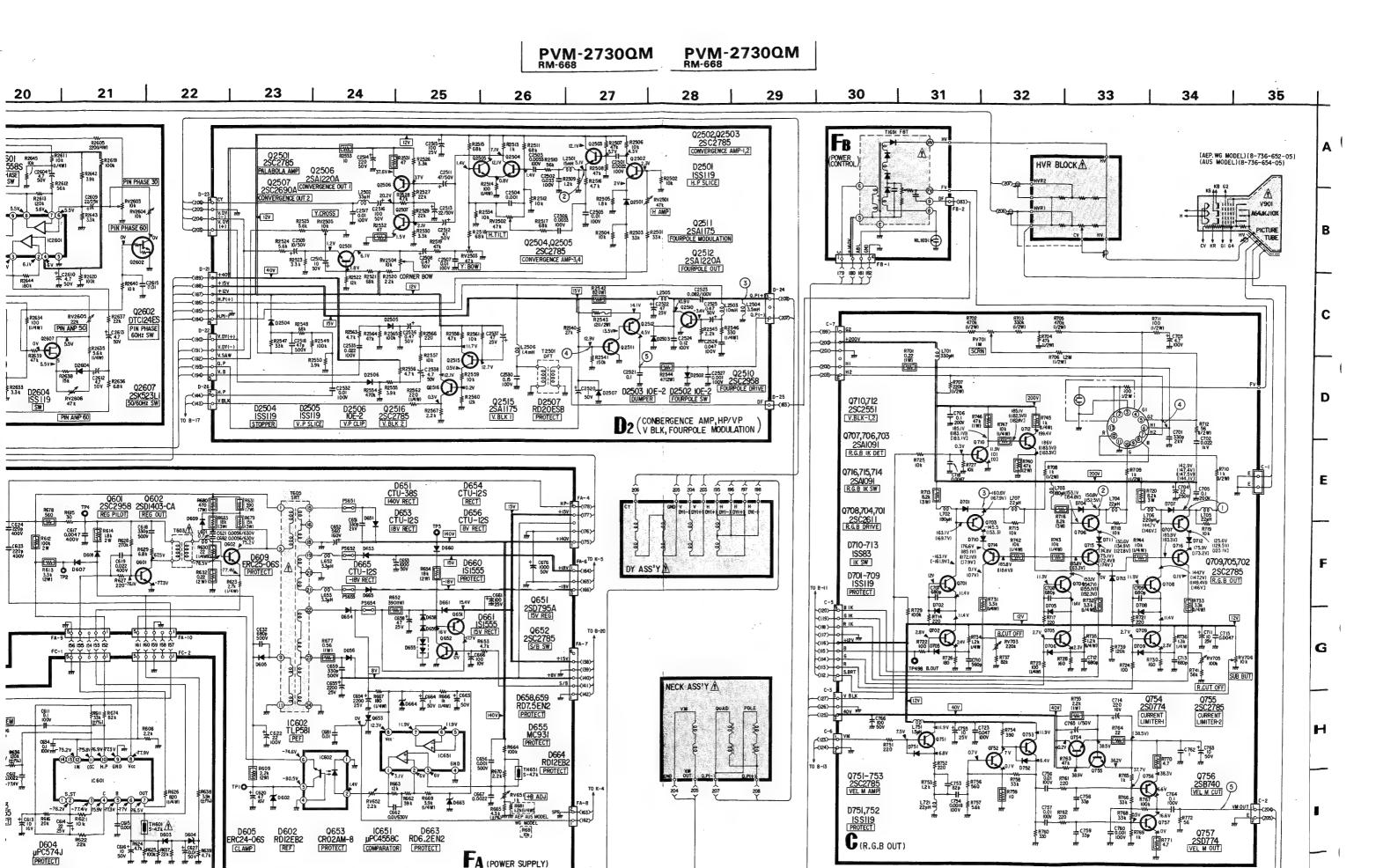


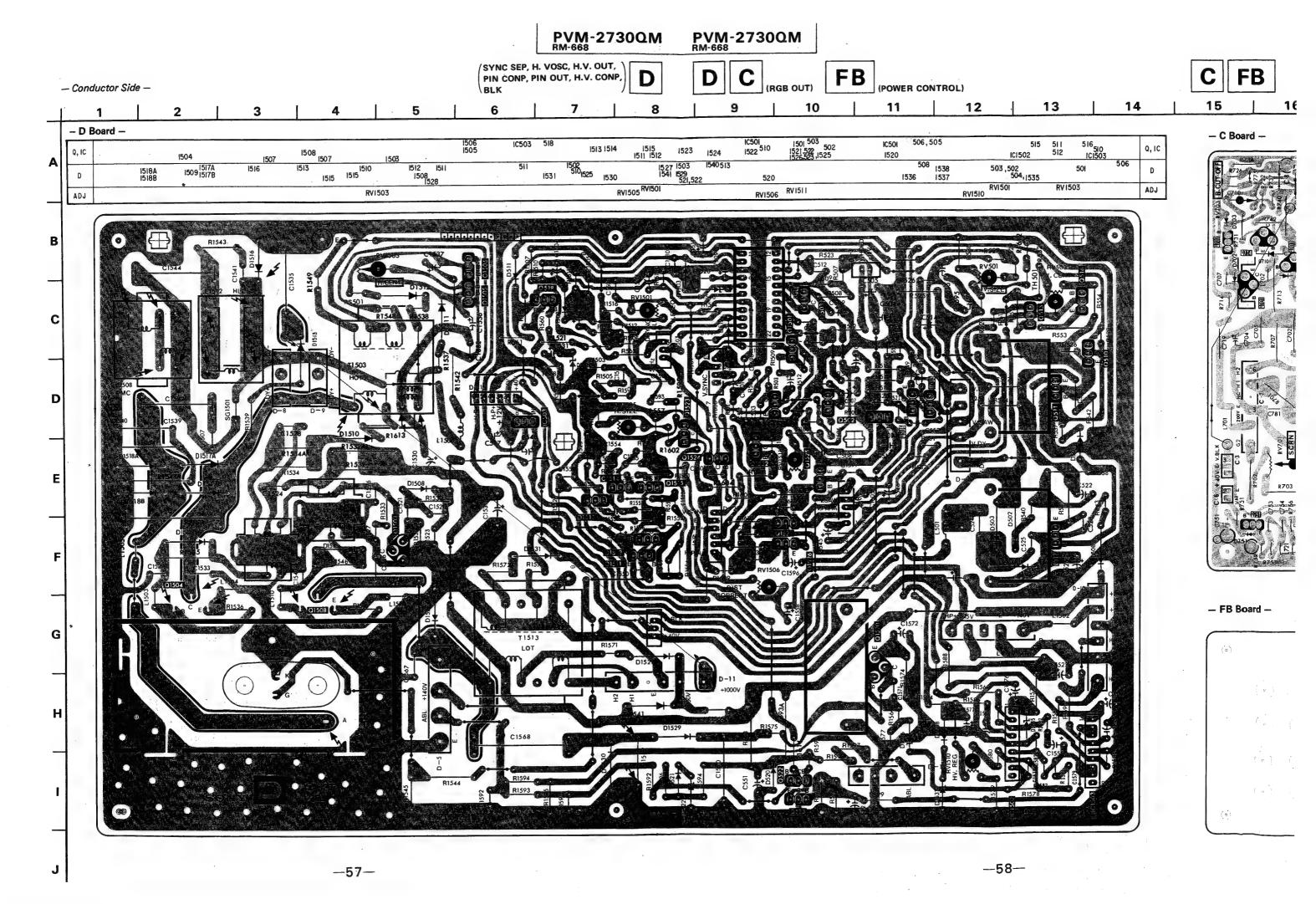


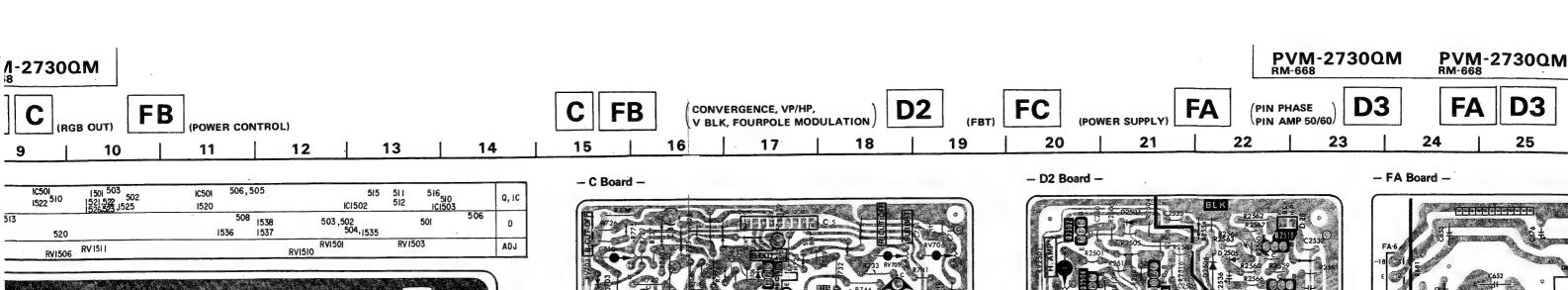
-49-

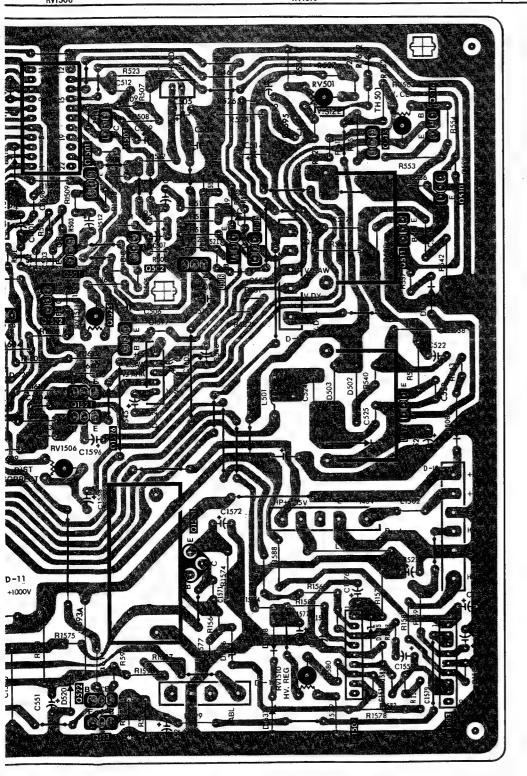


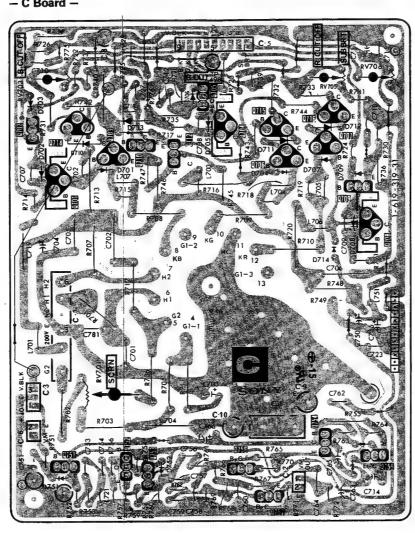


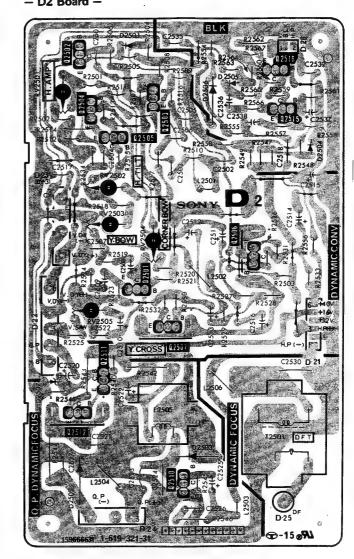


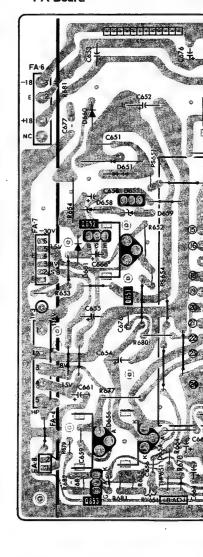


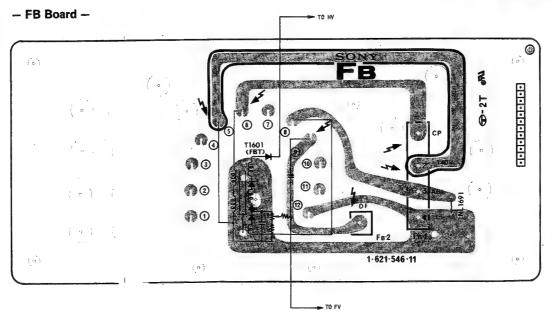


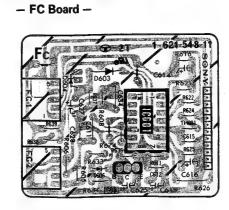


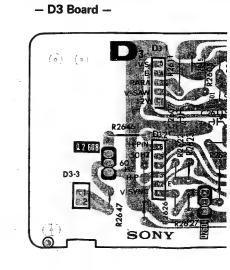


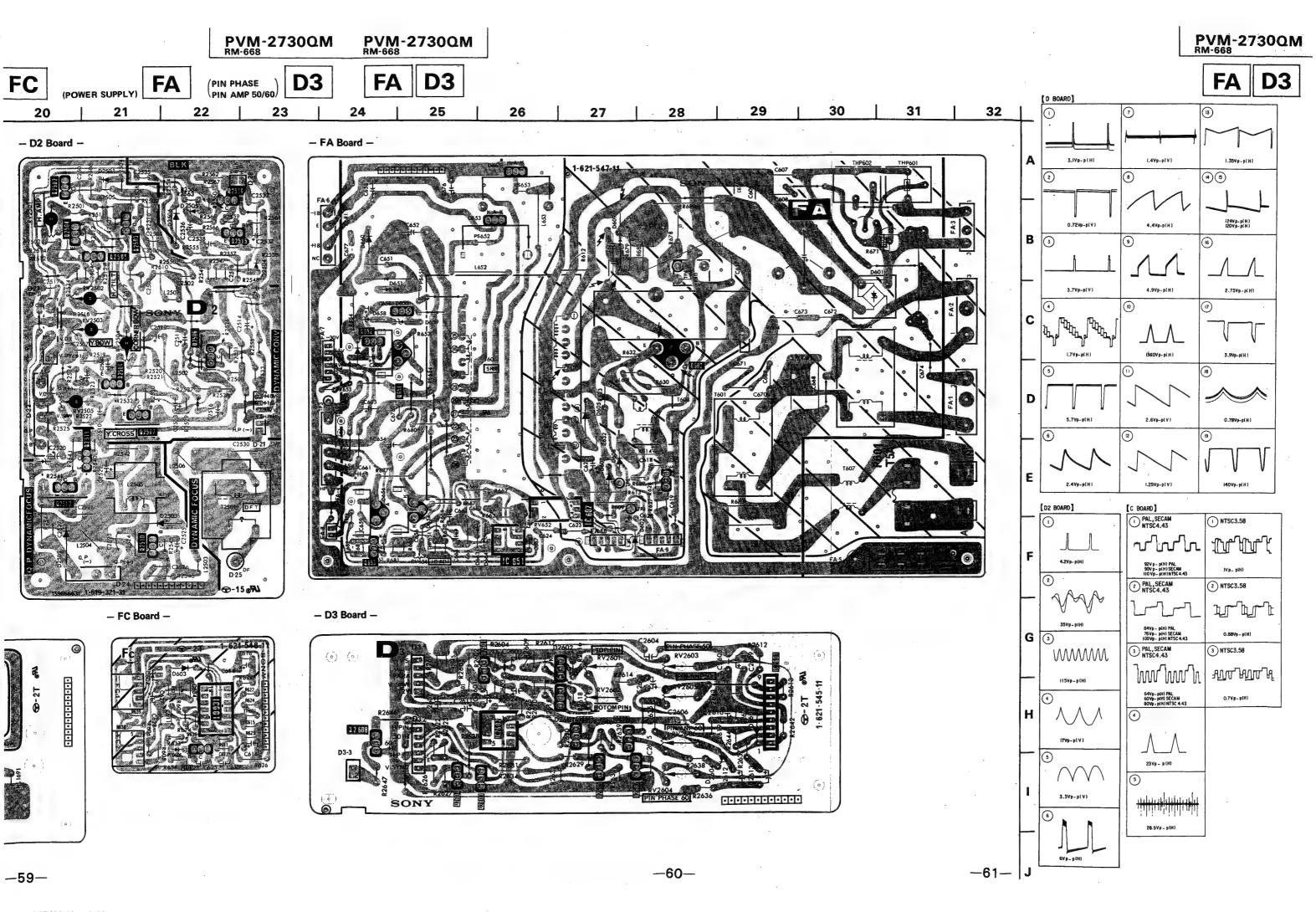












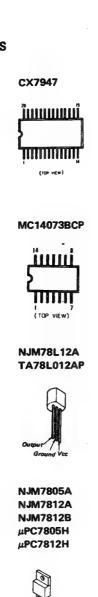
5-5. SEMICONDUCTORS

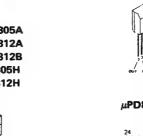
BA236 LA7910 BX1387 CXA1001AP (Top view) CSA1024S CXK1005P SN74LS138N TA7630P μPD4052BC μPD6326C 12345678 CX175 CX23025 NJM4558D

NJM4558S

μPC358C μPC4558C

; 2 3 4 (Top view)



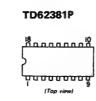


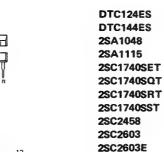




1 2 3 4 5 6 7

(Top view)





2SC2603F

2SC2603G

2SA1091

2SA933S-QT

2SA933S-RT

2SA933S-ST

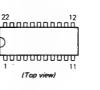
2SB740

2SC2551

2SD789

2SA1175

2SC2785



μPC1188H

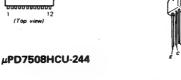
μPC1377C















2SB734 2SC2958 2SC2959 2SD773 2SD774



2SD788



2SC2238B 2SC2334 2SC2334-L 2SD795A



2SC2673



2SD1497-04



2SK523-L1



CR02AM-4 CR02AM-8



CTU-12S



CTU-38S



RD20E-N3

RD24E-BZ7

RD4.7E-N2

RD5.6E-N2

RD6.2E-B1

RD6.2E-B2

RD6.2E-L2

RD6.2E-N2

RD7.5E-N2

RGP10G

1N4:148-M

1N4148-T2

1S2473T-77 10E-2

1\$\$83 1\$1555 1S2076TP1

RD6.2E-L3TN

RD4.7E-N3TN

RD5.6E-N1TN

EQA01-06T ERB12-02 HZS10E-B2TD HZ12E-B2 RD12E-B2 RD13E-B RD13E-N1 **RD13E-N2 RD13E-N3** RD20E-B RD20E-N1 **RD20E-N2**



EQA02-11C



HZS13N

HZS20N

HZS24N

HZS5.6NE

HZS6.8NE

RK10ES-E

RD13ES-E RD13ES-E

RD15ES-E

RD20ES-E

RD34ES-E

RD3.6ES-

RD5.1ES-

RD5.1ES-

RD5.6ES-

RD6.2ES

RD6.2ES-

RD6.8ES-RD6.8ES

RD8.2ES-

RD9.1ES-

1\$\$119

188133

MC911

MC931

1SS133T

HZS13NB

EQA02-11CTP3 EQB01-06 ERC14-06S ERC25-06S RH-1 RH-1A RH-1Z SIB01-02



ERC26-15S ERC26-15SA GH3F GU-3A **V11N** V19E **V30N**



GP08D







SECTION 6 EXPLODED VIEWS

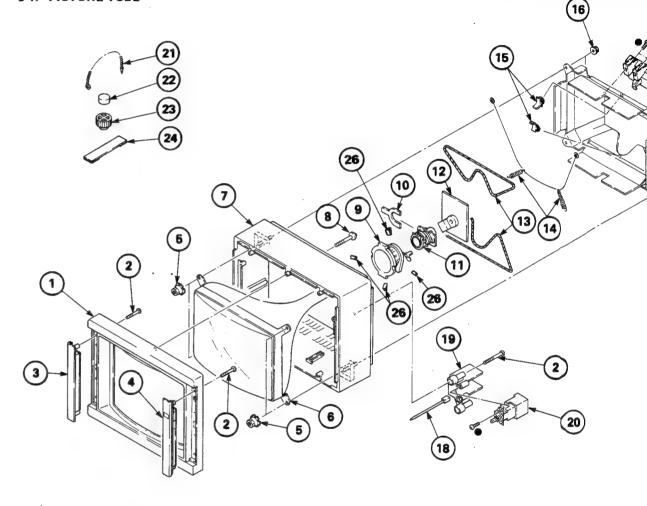
Items with no part number and no des-cription are not stocked because they are seldom required for routine service.

· The construction parts of an assembled part are indicated with a collation number in the remark column.

 Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identif by shading and mark A critical for safety.
Replace only with p number specified.

6-1. PICTURE TUBE



N	0.	Part No.	Description	Remark	No.	Part No.	Description
	1	X-4374-191-1	BEZEL ASSY	2	14	4-303-774-XX	SPRING
	2	3-703-083-00	+ BV 3X25	j	15	*4-371-629-01	STOPPER, WIRE
	3	1-464-792-12	KEY BOARD UNIT (A)	j	16		F'_ANGE NUT, (B) 5MM
	4	1-464-793-12	KEY BOARD UNIT (B)		17		RESISTOR ASSY, WIGH-VOLTAGE
	5	4-376-980-01	NUT, SPECIAL, CRT	j	18	*4-371-182-01	SHAFT
	-6	1.8-736-652-05	CRT (A64JKJ10X) (AEP, WG ONLY)		19	*4-371-183-01	COVER, MAIN SWITCH
		A 8-736-654-05	CRT (A64JKJ1OX) (AUS ONLY)		20	A.1-554-966-12	SWITCH, PUSH (AC POWER)(1 KEY
	7	X-4374-192-1	CABINET ASSY	8	21	4-308-870-00	CLIP, LEAD WIRE
	8	4-319-520-11	SCREW, SPECIAL (+PW4X30)		22	1-452-032-00	MAGNET, DISK; 10 MM Ø
	. 9 .	A.1-451-255-22	DEFLECTION YOKE (SY-164)		23		MAGNET, ROTATABLE DISK; 15MM
	10	1 452 146 21	MACHET DMC		2/	V 4200 015 0	DEDMALLOV ASSV CONVENCENCE
	11	A.1-452-351-22	NECK ASSY, CRT (NA302)		26	3-703-003-00	SPACER, DY
	12	*A_1330_789_A	C BOARD COMPLETE				
	13	A.1-426-278-21	COIL, DEMAGNETIZATION				

2SB734 2SC2958 2SC2959 2SD773 2SD774



2SC1475 2SD788



2SC2238B 2SC2334 2SC2334-L 2SD795A



2SC2673



2SD1497-04



2SK523-L1



CR02AM-4 CR02AM-8



CTU-12S



CTU-38S



EQA01-06T ERB12-02 HZS10E-B2TD HZ12E-B2 RD12E-B2 RD13E-B **RD13E-N1** RD13E-N2 **RD13E-N3** RD20E-B RD20E-N1 RD20E-N2 RD20E-N3 **RD24E-BZ7** RD4.7E-N2 RD4.7E-N3TN RD5.6E-N1TN RD5.6E-N2 RD6.2E-B1 RD6.2E-B2 RD6.2E-L2 RD6.2E-L3TN

RD6.2E-N2 RD7.5E-N2 RGP10G

1N4148-M 1N4148-T2 18883 1S1555 1S2076TP1 1S2473T-77 10E-2

EQA02-11C

EQA02-11CTP3 EQB01-06 ERC14-06S ERC25-06S RH-1 RH-1A RH-1Z SIB01-02



ERC26-15S ERC26-15SA GH3F GU-3A **V11N** V19E **V30N**



GP08D



MC911

HZS13N

HZS20N

HZS24N

HZS5.6NB1 HZS6.8NB2TD

RK10ES-B2

RD13ES-B2 RD15ES-B

RD20ES-B

RD34ES-B

RD3.6ES-B1

RD5.1ES-B

RD5.1ES-B2

RD5.6ES-B3

RD6.2ES-B1

RD6:2ES-B2 RD6.8ES-B

RD6.8ES-B2

RD8.2ES-B2

RD9.1ES-B3 **1SS119**

1\$\$133

1SS133T

RD13ES-B

HZS13NB2



MC931

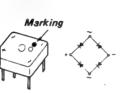
SG264A





SLR-932A

S3WB60Z S3WB60ZS



TLP581



TLS263P TLY263P



ΣT

RT

3T

ìΤ ΙT

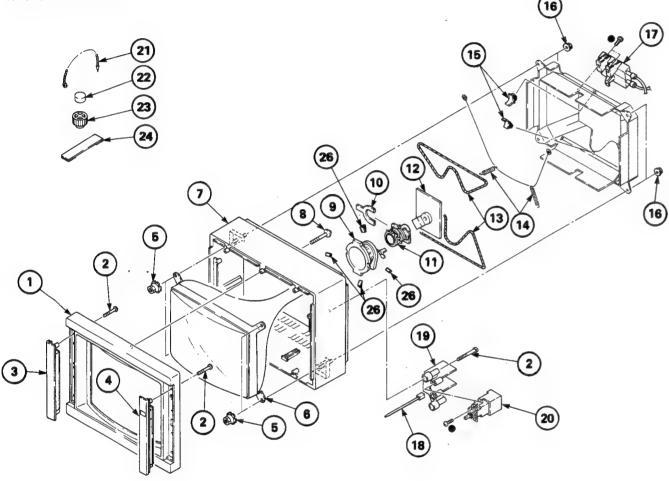
SONY-05469 / Druck 27

SECTION 6 **EXPLODED VIEWS**

- NOTE:
 Items with no part number and no description are not stocked because they are seldom required for routine service.
 The construction parts of an assembled
- part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark <u>A</u> are critical for safety. Replace only with part number specified.

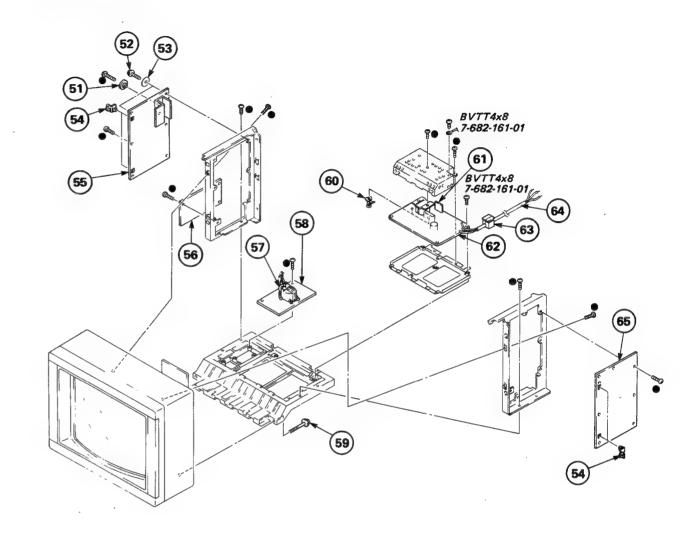
6-1. PICTURE TUBE



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1	X-4374-191-1	RE7FL ASSY	2	14	4-303-774-XX	SPRING	
2	3-703-083-00			15	*4-371-629-01	STOPPER, WIRE	
3		KEY BOARD UNIT (A)		16		F'_ANGE NUT, (8) 5MM	
4		KEY BOARD UNIT (B)		17		RESISTOR ASSY, HIGH-VOLTAGE	
5		NUT, SPECIAL, CRT		18			
6		CRT (A64JKJ1OX) (AEP.WG ONLY)	485.4	19	*4-371-183-01	COVER, MAIN SWITCH	graph to the state of the
	A. 8-736-654-05	CRT (A64JKJ1OX) (AUS ONLY) CABINET ASSY	in the second	20	A.1-554-966-12	SWITCH, PUSH (AC POWER)(1 KEY	
7	X-4374-192-1	CABINET ASSY	8	21		CLIP, LEAD WIRE	
8		SCREW, SPECIAL (+PW4X30)		22		MAGNET, DISK; 10MM Ø	
9	A.1-451-255-22	DEFLECTION YOKE (SY-164)		23			Ø
10	1 4 = 0 146 01	MACHET DAG		1 2/		PERMALLOY ASSY, CONVERGENCE	
-11	1.1-452-351-22	NECK ASSY, CRT (NA302)		26	3-703-003-00	SPACER, DY	
12							
13	1 -4 26 - 278 - 21	COIL, DEMAGNETIZATION					

6-2. CHASSIS

•: BVTP3x12 7-685-648-79

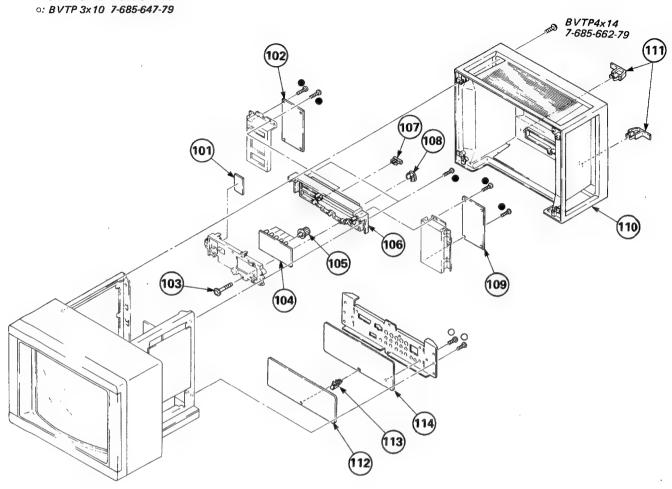


The components identified by shading and mark A are critical for safety. Replace only with part number specified.

No.	Part No.	<u>Description</u> Re	emark	No.	Part No.	Description	Remark
55 56 57 58	4-302-428-00 4-383-101-01 *4-313-732-00 *A-1345-699-A *A-1340-941-A 1-439-339-13 *1-621-546-11	BUSHING (A), TRANSISTOR (AEP, AUS (HEAD, WASHER, TAPPING SCREW WASHER (DIA.14) CLIP, HINGE, CIRCUIT BOARD D BOARD, COMPLETE D3 BOARD, COMPLETE TRANSFORMER ASSY, FLYBACK FB BOARD SCREW, SPECIAL (+PW4X30)		61 62 63 /	*1-621-548-11 *A-1245-387-A *A-1245-2411-A 1 *4-364-725-01 1 *4-364-745-01 1 *4-364-745-01 1 *4-364-745-01	SPACER, SUPPORT (AEP, AUS ONLY) FC BOARD FA BOARD, COMPLETE (AEP, AUS ONL FA BOARD, COMPLETE (WG, ONLY) BUSHING, AC CORD (WG, ONLY) BUSHING, AC CORD (AEP, AUS ONLY) POWER CORD (WG ONLY) POWER CORD (AEP, AUS ONLY) B BOARD, COMPLETE	61

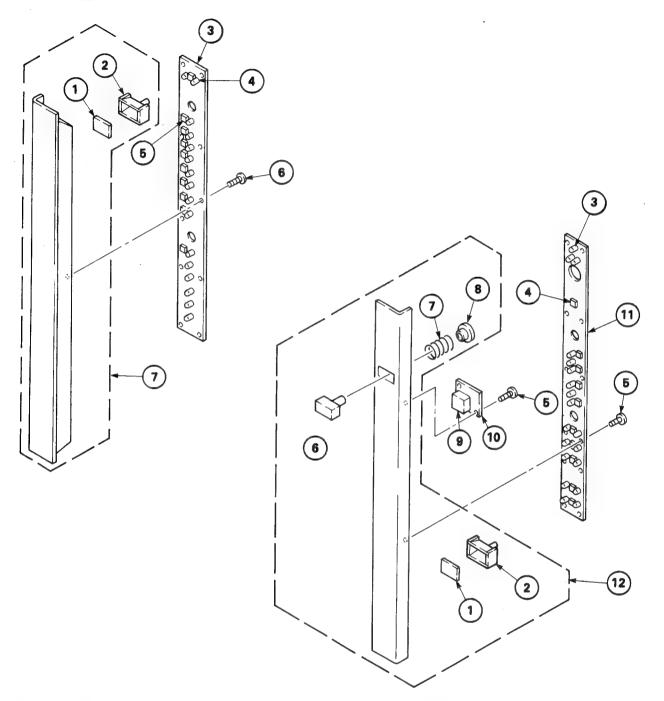
6-3. BACK COVER

•: BVTP 3x12 7-685-648-79



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
101 102 103 104 105 106 107	4-319-520-11 *A-1375-066-A 4-381-166-01	D2 BOARD, COMPLETE SCREW, SPECIAL (+PW4X30) HC BOARD, COMPLETE KNOB (A), CONTROL PANEL, CONTROL		110 111 112 113	X-4374-162-3 4-316-003-21 *A-1270-213-A *3-703-141-00	K BOARD, COMPLETE COVER ASSY, REAR HOLDER, CORD QB BOARD, COMPLETE	111

6-4. KEY BOARD



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1 2 3 4 5 6 7	9-990-892-01 9-990-891-01 *9-992-247-01 9-990-895-01 1-553-766-00 9-990-894-01 9-992-249-01	ILLUMINATOR A REFLECTOR A HA BOARD SPACER MT SWITCH (KEY BOARD SWITCH) TAPPING SCREW FRAME ASSY	1,2	1 2 3 4 5 6 7 8 9 10	9-990-892-01 9-990-891-01 9-990-895-01 1-553-766-00 9-990-894-01 9-990-899-01 9-990-902-01 9-990-900-01 8-741-138-70 *9-990-898-01 *9-992-243-01 9-992-244-01	ILLUMINATOR A REFLECTOR A SPACER MT SWITCH (KEY BOARD SWITCH) TAPPING SCREW KEY TOP COIL SPRING STOPPER DETECTOR (BX1387) N BOARD HB BOARD FRAME ASSY	1,2,6,7,8

SECTION 7 ELECTRICAL PARTS LIST

B

NOTE:

The components identified by shading and mark A are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board name.

Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

 All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS • MF : بربر , PF : بربر F

RESISTORS • All resistors are in ohms
• F: nonflammable

COILS • ммн : mH , UH : µН

Ref.No	. Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
0.1	-	B BOARD, COM	****			C139 C140 C141 C161 C162	1-123-356-00 1-123-356-00 1-123-330-00 1-123-333-00 1-123-321-00	ELECT ELECT ELECT ELECT ELECT	10MF 10MF 22MF 100MF 220MF	20% 20% 20% 20% 20%	16V 16V 16V 25V 16V
B1 B2 B4 B5 B6	*1-566-054-11 *1-566-057-11 *1-566-055-11 *1-566-059-11 *1-566-056-11	PIN, CONNECT PIN, CONNECT PIN, CONNECT PIN, CONNECT PIN, CONNECT	TOR 5P TOR 3P TOR 7P			C167 C168 C169 C170 C171	1-101-004-00 1-123-356-00 1-123-356-00 1-101-004-00 1-123-356-00	CERAMIC ELECT ELECT CERAMIC ELECT	0.01MF 10MF 10MF 0.01MF 10MF	20% 20% 20%	50V 16V 25V 50V 16V
B7 B8 B9 B10 B11	*1-566-058-11 *1-566-059-11 *1-566-061-11 *1-566-065-11 *1-566-061-11	PIN, CONNECT PIN, CONNECT PIN, CONNECT PIN, CONNECT PIN, CONNECT	FOR 7P FOR 9P FOR 13P			C173 C174 C175 C177 C177	1-101-004-00 1-101-004-00 1-101-006-00 1-119-354-00 1-101-004-00	CERAMIC CERAMIC CERAMIC ELECT CERAMIC	0.01MF 0.01MF 0.047MF 330MF 0.01MF		50V 50V 50V 10V 50V
B13 B14 B15 B16 B17	*1-566-054-11 *1-566-057-11 *1-508-766-00 *1-566-056-11 *1-566-054-11	PIN, CONNECT PIN, CONNECT 4P PLUG (M) PIN, CONNECT PIN, CONNECT	FOR 5P FOR 4P FOR 2P			C179 C180 C181 C182 C183	1-101-006-00 1-123-307-00 1-123-332-00 1-101-006-00 1-119-352-00	CERAMIC ELECT ELECT CERAMIC ELECT	0.047MF 100MF 47MF 0.047MF 100MF	20% 20%	50V 10V 16V 50V 10V
B18 B19 B20 B21	*1-566-055-11 *1-566-057-11 *1-566-058-11 *1-566-054-11	PIN, CONNECT PIN, CONNECT	OR 5P OR 6P			C185 C186 C187 C301	1-123-307-00 1-123-356-00 1-123-330-00 1-123-333-00	ELECT ELECT ELECT ELECT	100MF 10MF 22MF 100MF	20% 20% 20% 20%	10V 16V 16V 16V
		<u>ACITOR</u>				C302 	1-101-888-00	CERAMIC	68PF	5%	50V
C101 C103 C104 C105 C106	1-123-356-00 1-102-973-00 1-123-306-00 1-136-161-00 1-102-963-00	ELECT CERAMIC ELECT FILM CERAMIC	10MF 100PF 47MF 0.047MF 33PF	20% 5% 20% 5% 5%	16V 50V 10V 50V 50V	C303 C304 C305 C306 C307	1-123-369-00 1-123-356-00 1-110-201-00 1-101-006-00 1-101-006-00	ELECT MYLAR CERAMIC	4.7MF 10MF 0.0033MF 0.047MF 0.047MF	20% 20% 5%	25V 16V 50V 50V 50V
C107 C108 C110 C112 C113	1-102-963-00 1-102-978-00 1-123-333-00 1-123-335-00 1-123-318-00	CERAMIC CERAMIC ELECT ELECT ELECT	33PF 220PF 100MF 330MF 33MF	5% 5% 20% 20% 20%	50V 50V 25V 25V 16V	C308 C309 C310 C311 C312 C313	1-123-381-00 1-102-946-00 1-123-356-00 1-136-157-00 1-136-157-00 1-102-074-00	ELECT CERAMIC ELECT FILM FILM CERAMIC	2.2MF 9PF 10MF 0.022MF 0.022MF 0.001MF	20% 0.5PF 20% 5% 5% 10%	50V 50V 16V 50V 50V 50V
C115 C116 C118 C119	1-123-333-00 1-123-333-00 1-101-006-00 1-101-004-00 1-123-330-00	ELECT ELECT CERAMIC CERAMIC ELECT	100MF 100MF 0.047MF 0.01MF 22MF	20% 20% 20%	25V 16V 50V 50V 16V	C314 C315 C316 C317 C322	1-101-006-00 1-101-006-00 1-136-169-00 1-102-074-00 1-101-006-00	CERAMIC CERAMIC FILM CERAMIC CERAMIC	0.047MF 0.047MF 0.22MF 0.001MF 0.047MF	5% 10%	50V 50V 50V 50V 50V
C123 C125 C126 C127	1-123-330-00 1-101-006-00 1-123-380-00 1-123-380-00 1-123-380-00	ELECT CERAMIC ELECT ELECT ELECT	22MF 0.047MF 1MF 1MF 1MF	20% 20% 20% 20%	25V 50V 50V 50V 50V	C324 C325	1-124-464-11 1-124-464-11 1-123-333-00 1-124-464-11 1-102-111-00	ELECT ELECT	0.22MF 0.22MF 100MF 0.22MF 270PF	20% 20% 20% 20% 10%	50V 50V 16V 50V 50V
C128 C131 C133 C134 C135	1-123-380-00 1-130-475-00 1-123-380-00 1-123-380-00 1-123-381-00	ELECT MYLAR ELECT ELECT ELECT	1MF 0.0022MF 1MF 1MF 2.2MF	20% 5% 20% 20% 20%	50V 50V 50V 50V 50V	C331 C332 C333		CERAMIC ELECT FILM CERAMIC ELECT	0.047MF 1MF 0.047MF 22PF 1MF	20% 5% 5% 20%	50y 50y 50y 50y 50y
C136 C137 C138	1-101-006-00 1-123-307-00 1-123-307-00	CERAMIC ELECT ELECT	0.047MF 100MF 100MF	20% 20%	50V 10V 10V	C335 C336 C337	1-123-307-00 1-123-318-00	ELECT ELECT CERAMIC	100MF 33MF 330PF	20% 20% 10%	10v 16v 50v



Ref.No. Par	t No.	Description			Remark	Ref.No.	Part No.	Description			Remark
C346 1-13 C347 1-16 C350 1-13	23-380-00 23-380-00 02-111-00 23-356-00 02-074-00	ELECT ELECT CERAMIC ELECT CERAMIC	1MF 1MF 270PF 10MF 0.001MF	20% 20% 10% 20% 10%	50V 50V 50V 16V 50V	C1305 C1306 C1316	1-123-356-00 1-136-161-00 1-123-380-00 1-123-356-00 1-123-380-00		10MF 0.047MF 1MF 10MF 1MF	20% 5% 20% 20% 20%	16V 50V 50V 25V 50V
C353 1-10 C354 1-13 C355 1-10	01-361-00 02-959-00 23-380-00 01-005-00 36-153-00	CERAMIC CERAMIC ELECT CERAMIC FILM	150PF 22PF 1MF 0.022MF 0.01MF	5% 5% 20% 5%	50V 50V 50V 50V 50V	C1319 C1320 C1321	1-123-380-00 1-123-380-00 1-123-382-00 1-123-356-00 1-101-004-00	ELECT ELECT ELECT ELECT CERAMIC	1MF 1MF 3.3MF 10MF 0.01MF	20% 20% 20% 20%	50V 50V 50V 25V 50V
C382 1-13 C402 1-13 C404 1-13	02-074-00 23-332-00 36-167-00 36-165-00 02-806-00	CERAMIC ELECT FILM FILM CERAMIC	0.001MF 47MF 0.15MF 0.1MF 27PF	10% 20% 5% 5% 5%	50V 16V 50V 50V 50V	C1324 C1325 C1326	1-123-356-00 1-123-332-00 1-101-006-00 1-101-006-00 1-123-382-00	ELECT ELECT CERAMIC CERAMIC ELECT	10MF 47MF 0.047MF 0.047MF 3.3MF	20% 20% 20%	25 V 16 V 50 V 50 V
C408 1-12 C410 1-12 C411 1-13	01-890-00 23-356-00 23-356-00 36-161-00 02-119-00	CERAMIC ELECT ELECT FILM CERAMIC	75PF 10MF 10MF 0.047MF 0.0015MF	5% 20% 20% 5% 10%	50V 16V 50V 50V 50V	C1334 C1336 C1338	1-136-153-00 1-101-004-00 1-110-203-00 1-136-161-00 1-136-153-00	FILM CERAMIC MYLAR FILM FILM	0.01MF 0.01MF 0.0047MF 0.047MF 0.01MF	5% 5% 5%	50V 50V 50V 50V
C414 1-13 C415 1-16 C416 1-13	23-380-00 36-173-00 01-005-00 23-356-00 23-356-00	ELECT FILM CERAMIC ELECT ELECT	1MF 0.47MF 0.022MF 10MF 10MF	20% 5% 20% 20%	50V 50V 50V 16V	C1344 C1346	1-110-203-00 1-136-161-00 1-136-153-00 1-110-203-00 1-123-356-00	MYLAR FILM FILM MYLAR ELECT	0.0047MF 0.047MF 0.01MF 0.0047MF 10MF	5% 5% 5% 5% 20%	50V 50V 50V 50V 25V
C419 1-16 C420 1-16 C421 1-16	36-161-00 23-380-00 01-890-00 02-806-00 36-165-00	FILM ELECT CERAMIC CERAMIC FILM	0.047MF 1MF 75PF 27PF 0.1MF	5% 20% 5% 5% 5%	50V 50V 50V 50V 50V		1-123-332-00 1-102-973-00 1-136-157-00 1-123-380-00 1-136-165-00	ELECT CERAMIC FILM ELECT FILM	47MF 100PF 0.022MF 1MF 0.1MF	20% 5% 5% 20% 5%	16V 50V 50V 50V
C425 1-10 C426 1-10 C427 1-10	23-356-00 02-888-00 01-004-00 01-006-00 02-121-00	ELECT CERAMIC CERAMIC CERAMIC CERAMIC	10MF 150PF 0.01MF 0.047MF 0.0022MF	20% 5% 10%	16V 50V 50V 50V 50V	C1358 C1359 C1360	1-123-380-00 1-123-369-00 1-102-820-00 1-102-820-00 1-102-129-00	ELECT ELECT CERAMIC CERAMIC CERAMIC	1MF 4.7MF 330PF 330PF 0.01MF	20% 20% 5% 5% 10%	50V 50V 50V 50V
C430 1-16 C434 1-16 C452 1-13	36-161-00 02-971-00 02-112-00 36-169-00 23-333-00	FILM CERAMIC CERAMIC FILM ELECT	0.047MF 82PF 330PF 0.22MF 100MF	5% 5% 10% 5% 20%	50V 50V 50V 50V 16V	C1391 C1392	1-130-475-00 1-101-004-00 1-123-356-00 1-123-356-00 1-101-004-00	MYLAR CERAMIC ELECT ELECT CERAMIC	0.0022MF 0.01MF 10MF 10MF 0.01MF	5% 20% 20%	50V 50V 16V 16V 50V
C466 1-16	02-963-00 02-115-00 23-333-00	CERAMIC CERAMIC ELECT	33PF 560PF 100MF	5% 10% 20%	50V 50V 16V	CT358	TRI 1-141-181-11	MMER CAP TRIMMER			
C472 1-12 C473 1-10	23-382-00 01-361-00	ELECT	3.3MF 150PF	20% 5%	50V 50V		1-141-181-11 DIO	CAP, TRIMMER			
C475 1-10 C476 1-10	02-662-00 02-662-00 02-662-00	CERAMIC CERAMIC CERAMIC	7 PF 7 PF 7 PF	0.5PF 0.5PF 0.5PF	50V 50V 50V	D101 D102	8-719-109-97 8-719-109-97				
C477 1-10 C481 1-10	02-662-00 08-614-91	CERAMIC MYLAR	7PF 0.001MF	0.5PF 10%	50V 100V	D103 D104 D108	8-719-911-19 8-719-109-68 8-719-911-19	DIODE 1SS119	S- B 1		
C484 1-1: C1301 1-16	02-820-00 36-165-00 01-004-00 24-656-00	CERAMIC FILM CERAMIC ELECT	330PF 0.1MF 0.01MF 2.2MF	5% 5% 20%	50V 50V 50V 50V	D110 D111	8-719-911-19 8-719-110-08				



Ref.No. Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
D115 8-719-109-85			IC110 IC121	8-759-207-07 8-759-140-66 8-759-171-05 *4-363-146-00 8-759-700-06	IC UPD4066BC IC UPC7805H HEAT SINK, V.OUT; IC121	
D118 8-719-911-19 D120 8-719-911-19 D121 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119		IC 301 IC 302 IC 311	*4-323-833-00 8-752-030-86 8-752-030-31 8-759-240-73 8-751-750-00	IC CXA1001AP IC CXA1024S IC TC4073BP	
D125 8-719-911-19 D126 8-719-109-95 D127 8-719-109-95	DIODE 1SS119 DIODE 1SS119 DIODE RO6.8ES-B DIODE RO6.8ES-B DIODE ISS119			8-759-135-80 8-759-140-66 <u>COI</u>	IC UPD4066BC	
D306 8-719-911-19 D307 8-719-911-19 D308 8-719-911-19 D309 8-719-911-19 D334 8-719-110-15	DIODE 1SS119 DIODE 1SS119		L101 L104 L105 L161 L333	1-408-424-00 1-408-424-00 1-407-364-00	MICRO INDUCTOR 180UH MICRO INDUCTOR 180UH MICRO INDUCTOR 180UH COIL, SPOOK CHOKE 3.3UH MICRO INDUCTOR 39UH	
D335 8-719-911-19 D339 8-719-911-19 D340 8-719-911-19 D341 8-719-911-19 D342 8-719-110-15			L337 L405 L406 L420 L421	1-404-496-00 1-408-411-00	MICRO INDUCTOR 15UH MICRO INDUCTOR 15UH	
D343 8-719-110-15 D344 8-719-110-15 D345 8-719-911-19 D351 8-719-911-19	DIODE RDIOES-B DIODE RDIOES-B DIODE 1SS119		L430 L431 L432 L435 L435	1-408-414-00 1-408-415-00	MICRO INDUCTOR 22MMH MICRO INDUCTOR 27UH MICRO INDUCTOR 33UH MICRO INDUCTOR 8.2UH COIL	
D361 8-719-911-19 D362 8-719-911-19 D391 8-719-911-19 D392 8-719-911-19	DIODE 1SS119 DIODE 1SS119		L452 L455 PS1		MICRO INDUCTOR 5.6MMH	
D442 8-719-911-19 D443 8-719-911-19 D444 8-719-911-19 D445 8-719-911-19 D450 8-719-911-19	DIODE 1SS119 DIODE 1SS119		PS2 Q101 Q102 Q103 Q104	1-532-637-00 <u>TRA</u> 8-729-117-54 8-729-117-54 8-729-178-54 8-729-178-54	LINK, IC NSISTOR TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785	
DEL DL301 1-415-122-31	AY LINE DELAY LINE, 1H (PAL)	1	Q105 Q107 Q108 Q109	8-729-900-36 8-729-178-54 8-729-117-54	TRANSISTOR 2SC2785 TRANSISTOR DTC124ES TRANSISTOR 2SC2785 TRANSISTOR 2SA1175	
DL401 1-415-380-11 <u>IC</u>		İ	Q110 Q111 Q112		TRANSISTOR 2SA1175 TRANSISTOR 2SB734 TRANSISTOR 2SC2785	
IC101 8-759-113-02 IC102 8-752-321-18 IC103 8-759-102-28 IC104 8-759-182-43 IC106 8-759-207-07	IC CXK1005P IC UPD6326C IC UPD8243C		Q113 Q114 Q115 Q116	8-729-178-54 8-729-178-54 8-729-900-36	TRANSISTOR 2SC2785	



Ref.No. Part No.	Description	 Ref.No.	Part No.	Description				Remark
Q117 8-729-178-54 Q118 8-729-117-54 Q119 8-729-117-54 Q121 8-729-133-42 *4-363-146-00	TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SC2334-L	Q1302	8-729-178-54 8-729-178-54 8-729-178-54 8-729-178-54 8-729-117-54	TRANSISTOR A TRANSISTOR A TRANSISTOR A	2SC2785 2SC2785 2SC2785			
Q122 [8-729-117-54 Q123 8-729-178-54		 	RES	ISTOR				
Q301 8-729-117-54 Q309 8-729-178-54 Q310 8-729-117-54	TRANSISTOR 2SA1175 TRANSISTOR 2SC2785 TRANSISTOR 2SA1175	R101 R102 R103 R104	1-249-395-11 1-249-395-11 1-249-441-11 1-249-441-11	CARBON CARBON CARBON CARBON	15 15 100K 100K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
Q311 8-729-177-32 Q315 8-729-178-54	TRANSISTOR 2SD773 TRANSISTOR 2SC2785	R105	1-247-805-00	CARBON	82	5%	1/6W	
Q316 8-729-178-54 Q321 8-729-178-54 Q322 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785	R106 R107 R108 R109	1-249-413-11 1-249-411-11 1-249-441-11 1-249-433-11	CARBON CARBON CARBON CARBON	470 330 100K 22K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
Q324 8-729-178-54 Q331 8-729-178-54 Q341 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785	R110 R111	1-249-465-11	CARBON	47K 47K	5%	1/4W	
Q342 8-729-178-54 Q343 8-729-178-54 Q353 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785	R114 R116 R117 R118	1-249-437-11 1-249-414-11 1-249-429-11 1-249-429-11	CARBON CARBON CARBON	47K 47K 560 10K 10K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
Q354 8-729-900-36 Q355 8-729-178-54 Q357 8-729-117-54 Q358 8-729-900-36	TRANSISTOR DTC124ES TRANSISTOR ZSC2785 TRANSISTOR 2SA1175 TRANSISTOR DTC124ES	R119 R121 R122	1-249-429-11 1-215-867-00 1-249-417-11	CARBON	10K 470	5% 5%	1/6W 1W 1/6W	F
Q361 8-729-117-54 Q362 8-729-117-54	TRANSISTOR DIGIZGES TRANSISTOR 2SA1175 TRANSISTOR 2SA1175	R123 R124	1-249-417-11 1-216-357-00 1-249-433-11	METAL OXIDE CARBON	1K 4.7 22K	5% 5% 5%	1/6W 1W 1/6W	F
Q363 8-729-117-54 Q371 8-729-178-54 Q372 8-729-178-54	TRANSISTOR 2SA1175 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785	R125 R126 R127 R128	1-249-435-11 1-249-431-11 1-249-417-11 1-249-434-11	CARBON CARBON CARBON CARBON	33K 15K 1K 27K	5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
Q373 8-729-178-54 Q374 8-729-178-54 Q390 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785	R129	1-247-717-11	CARBON	2.2K 330	5% 5%	1/4W 1/4W	
Q391 8-729-178-54 Q392 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785	R131 R132 R133	1-249-409-11 1-249-409-11	CARBON CARBON CARBON	220 220 2.2K	5% 5% 5%	1/6W 1/6W 1/6W	
Q393 8-729-117-54 Q400 8-729-178-54 Q401 8-729-178-54	TRANSISTOR 2SA1175 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785	R134 R135	1-249-421-11		2.2K 47K	5% 5%	1/6W 1/6W	
Q402 8-729-178-54 Q403 8-729-117-54	TRANSISTOR 2SC2785 TRANSISTOR 2SA1175	R136 R137 R138	1-249-417-11 1-249-421-11 1-249-421-11	CARBON	1K 2.2K 2.2K	5% 5% 5%	1/6W 1/6W 1/6W	
Q405 8-729-178-54 Q406 8-729-117-54 Q407 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SA1175 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785	R139		CARBON	2.2K	5% 5%	1/6W	
Q450 8-729-117-54 Q451 8-729-178-54 Q452 8-729-178-54	TRANSISTOR 2SC2785	R142	1-247-717-11 1-249-421-11 1-249-429-11	CARBON CARBON CARBON	2.2K 2.2K 10K	5% 5% 5%	1/4W 1/6W 1/6W	
Q452 8-729-178-54 Q453 8-729-117-54 Q454 8-729-117-54 Q455 8-729-178-54	TRANSISTOR 2SA1175 TRANSISTOR 2SA1175	R144 R145 R146	1-249-429-11 1-249-437-11 1-249-425-11	CARBON CARBON CARBON	10K 47K 4.7K	5% 5% 5%	1/6W 1/6W 1/6W	
Q456 8-729-117-54 Q457 8-729-178-54	TRANSISTOR 2SA1175	R147 R148 R149	1-249-441-11 1-249-434-11 1-249-427-11	CARBON CARBON CARBON	100K 27K 6.8K	5% 5% 5%	1/6W 1/6W 1/6W	
Q458 8-729-117-54 Q459 8-729-117-54		R150	1-249-427-11		6.8K		1/6W	

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Ref.No. Part No.	<u>.</u> <u>[</u>	Description				Remark	Ref.No.	Part No.	Description				Remark
R151 1-249-4; R152 1-249-42 R153 1-249-4; R154 1-249-4; R155 1-247-7	21-11 (21-11 (21-11 (CARBON CARBON CARBON CARBON CARBON	3.3K 2.2K 2.2K 2.2K 2.2K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W		R310 R311 R312 R313 R314	1-247-722-11 1-249-439-11 1-249-439-11 1-249-421-11 1-249-409-11	CARBON CARBON CARBON CARBON CARBON	5.6K 68K 68K 2.2K 220	5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W	
R156 1-249-4; R157 1-249-4; R158 1-249-4; R159 1-249-4; R160 1-249-3;	33-11 (17-11 (18-11 (CARBON CARBON CARBON CARBON CARBON	3.3K 22K 1K 1.2K 22	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R315 R316 R317 R318 R319	1-249-433-11 1-249-435-11 1-249-421-11 1-249-409-11 1-249-433-11	CARBON CARBON CARBON CARBON CARBON	22K 33K 2.2K 220 22K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R161 1-249-33 R162 1-249-33 R163 1-249-33 R164 1-249-33 R165 1-247-69	97-11 (97-11 (97-11 (CARBON CARBON CARBON CARBON CARBON	22 22 22 22 22 22	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W		R320 R321 R322 R323 R324	1-249-435-11 1-249-435-11 1-249-429-11 1-249-441-11 1-249-441-11	CARBON CARBON CARBON CARBON CARBON	33K 33K 10K 100K 100K	5 % 5 % 5 % 5 %	1/6W 1/6W 1/6W 1/6W 1/6W	
R166 1-249-36 R167 1-249-36 R168 1-249-36 R169 1-249-36 R170 1-249-36	97-11 (97-11 (97-11 (CARBON CARBON CARBON CARBON CARBON	22 22 22 22 22 22	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R326 R327 R328 R329 R330	1-249-441-11 1-249-423-11 1-249-423-11 1-249-423-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	100K 3.3K 3.3K 3.3K 1K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
R171	97-11 (97-11 (29-11 (CARBON CARBON CARBON CARBON CARBON	22 22 22 10K 10K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R331 R332 R333 R334 R335	1-215-493-00 1-215-479-00 1-249-414-11 1-215-473-00 1-249-413-11	CARBON CARBON CARBON CARBON CARBON	1M 270K 560 150K 470	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R176 1-247-77 R177 1-249-45 R178 1-249-45 R179 1-249-47 R181 1-249-47	33-11 (33-11 (25-11 (CARBON CARBON CARBON CARBON CARBON	10K 22K 22K 4.7K 33K	5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W		R336 R337 R338 R339 R340	1-249-409-11 1-249-427-11 1-249-421-11 1-249-417-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	220 6.8K 2.2K 1K 2.2K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R182 1-247-84 R183 1-249-43 R184 1-249-43 R185 1-247-71 R186 1-249-43	33-11 (35-11 (13-11 (CARBON CARBON CARBON CARBON CARBON	5.6K 22K 33K 1K 1K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/4W 1/6W		R341 R342 R343 R345 R346	1-249-422-11 1-249-428-11 1-249-433-11 1-249-439-11 1-247-849-00	CARBON CARBON CARBON CARBON CARBON	2.7K 8.2K 22K 68K 5.6K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
R187 1-249-41 R188 1-249-41 R189 1-249-41 R190 1-249-41 R191 1-249-41	17-11 (17-11 (17-11 (CARBON CARBON CARBON CARBON CARBON	1K 1K 1K 1K 560	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R350 R351 R352 R353 R354	1-249-413-11 1-249-405-11 1-249-433-11 1-249-420-11 1-249-435-11	CARBON CARBON CARBON CARBON CARBON	470 100 22K 1.8K 33K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
R192 1-249-41 R193 1-249-42 R194 1-249-42 R195 1-249-42 R196 1-249-41	23-11 (23-11 (21-11 (CARBON CARBON CARBON CARBON CARBON		5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R355 R356 R357 R358 R359	1-249-433-11 1-249-437-11 1-249-430-11 1-249-435-11 1-215-473-00	CARBON CARBON CARBON CARBON CARBON	22K 47K 12K 33K 150K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R197 1-249-42 R198 1-249-40 R199 1-249-41 R303 1-249-46 R304 1-249-43	05-11 (17-11 (59-11 (CARBON CARBON CARBON CARBON CARBON	100 1K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/4W 1/6W		R361 R362 R363	1-247-708-11 1-249-417-11 1-249-429-11 1-249-417-11 1-249-412-11	CARBON CARBON CARBON	470 1K 10K 1K 390	5% 5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W	
R305 1-215-47 R306 1-249-43 R308 1-249-40	35-11 (CARBON CARBON CARBON	150K 33K 220	5% 5% 5%	1/6W 1/6W 1/6W		R365 R366 R367	1-247-723-11 1-215-481-00 1-249-437-11	CARBON	6.8K 330K 47K	5% 5% 5%	1/4W 1/6W 1/6W	



Ref.No. Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R368 1-249-428-11 R370 1-249-419-11 R371 1-249-435-11 R372 1-249-441-11 R373 1-249-435-11	CARBON CARBON CARBON CARBON CARBON	8.2K 1.5K 33K 100K 33K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R435 R436 R437 R438 R439	1-249-417-11 1-249-421-11 1-249-431-11 1-249-431-11 1-249-418-11	CARBON CARBON CARBON CARBON CARBON	1K 2.2K 15K 15K 1.2K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R374 1-249-435-11 R375 1-249-423-11 R377 1-249-409-11 R378 1-249-414-11 R379 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	33K 3.3K 220 560 10K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R440 R441 R442 R443 R444	1-249-417-11 1-249-420-11 1-249-421-11 1-249-408-11 1-249-439-11	CARBON CARBON CARBON CARBON CARBON	1K 1.8K 2.2K 180 68K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R380 1-249-437-11 R381 1-249-440-11 R382 1-249-438-11 R383 1-215-479-00 R384 1-249-425-11	CARBON CARBON CARBON CARBON CARBON	47K 82K 56K 270K 4.7K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R445 R446 R447 R448 R449	1-249-431-11 1-249-417-11 1-249-414-11 1-249-393-11 1-249-418-11	CARBON CARBON CARBON CARBON CARBON	15K 1K 560 10 1.2K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R385 1-249-414-11 R386 1-249-429-11 R387 1-249-417-11 R388 1-215-483-00 R389 1-249-433-11	CARBON CARBON CARBON CARBON CARBON	560 10K 1K 390K 22K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R450 R451 R452 R453 R454	1-249-419-11 1-249-420-11 1-249-393-11 1-249-419-11 1-249-419-11	CARBON CARBON CARBON CARBON CARBON	1.5K 1.8K 10 1.5K 1.5K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R390 1-249-433-11 R391 1-249-437-11 R392 1-249-431-11 R393 1-249-435-11 R394 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	22K 47K 15K 33K 10K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R456 R457 R458 R460 R461	1-249-409-11 1-249-435-11 1-249-425-11 1-249-436-11 1-249-431-11	CARBON CARBON CARBON CARBON CARBON	220 33K 4.7K 39K 15K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R395 1-247-895-00 R396 1-249-419-11 R398 1-249-420-11 R401 1-249-412-11 R402 1-247-717-11	CARBON CARBON CARBON CARBON CARBON	470K 1.5K 1.8K 390 2.2K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W		R462 R463 R464 R465 R466	1-249-421-11 1-249-422-11 1-249-409-11 1-249-435-11 1-247-721-11	CARBON CARBON CARBON CARBON CARBON	2.2K 2.7K 220 33K 4.7K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W	
R403 1-249-427-11 R404 1-249-429-11 R406 1-249-412-11 R410 1-249-422-11 R411 1-215-489-00	CARBON CARBON CARBON CARBON CARBON	6.8K 10K 390 2.7K 680K	5 % 5 % 5 % 5 %	1/6W 1/6W 1/6W 1/6W 1/6W		R467 R468 R470 R471 R472	1-247-866-00 1-249-429-11 1-249-420-11 1-249-425-11 1-249-420-11	CARBON CARBON CARBON CARBON CARBON	30K 10K 1.8K 4.7K 1.8K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R412 1-249-417-11 R413 1-249-425-11 R414 1-249-438-11 R415 1-249-429-11 R418 1-247-720-11	CARBON CARBON CARBON CARBON CARBON	1K 4.7K 56K 10K 3.9K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W		R473 R474 R475 R476 R477	1-249-425-11 1-249-417-11 1-249-405-11 1-249-416-11 1-249-413-11	CARBON CARBON CARBON CARBON CARBON	4.7K 1K 100 820 470	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R419 1-249-429-11 R420 1-249-412-11 R421 1-249-438-11 R422 1-249-427-11 R425 1-249-408-11	CARBON CARBON CARBON CARBON CARBON	10K 390 56K 6.8K 180	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R478 R479 R480 R481 R482	1-249-421-11 1-249-421-11 1-249-429-11 1-249-429-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	2.2K 2.2K 10K 10K 2.2K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R426 1-249-435-11 R427 1-249-423-11 R429 1-249-429-11 R430 1-249-423-11 R431 1-249-425-11	CARBON CARBON CARBON CARBON CARBON	33K 3.3K 10K 3.3K 4.7K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R483 R484 R485 R486 R487	1-249-421-11 1-249-433-11 1-249-417-11 1-249-435-11 1-249-435-11	CARBON CARBON CARBON CARBON CARBON	2.2K 22K 1K 33K 33K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R432 1-249-428-11 R433 1-249-428-11 R434 1-249-418-11	CARBON CARBON CARBON	8.2K 8.2K 1.2K		1/6W 1/6W 1/6W		R488 R1100 R1101	1-249-435-11 1-249-405-11 1-249-437-11	CARBON CARBON CARBON	33K 100 47K	5% 5% 5%	1/6W 1/6W 1/6W	



Ref.No. Part No.	Description				Remark	IRef No	Part No.	Description				Remark
		4.0			Kemark							Kellark
R1102 1-249-429-11 R1105 1-249-431-11	CARBON CARBON	10K 15K	5% 5%	1/6W 1/6W			1-249-422-11	CARBON SO'_ID	2.7K 8.2M	5% 10%	1/6W 1/2W	
R1106 1-249-399-11	CARBON	33	5%	1/6W		R1368	1-249-411-11		330	5%	1/6W	
R1107 1-249-437-11	CARBON	47K	5% 5%	1/6W			1-249-413-11 1-249-409-11	CARBON	470	5%	1/6W	
R1108 1-249-405-11	CARBON	100	3%	1/6W		KI3/0	1-249-409-11	CARBON	220	5%	1/6W	
R1109 1-249-429-11		10K	5%	1/6W			1-249-413-11		470	5%	1/6W	
R1110 1-249-430-11 R1111 1-249-437-11	CARBON CARBON	12K 47K	5% 5%	1/6W 1/6W			1-249-425-11 1-215-479-00		4.7K 270K	5% 5%	1/6W 1/6W	
R1112 1-249-441-11	CARBON	100K		1/6W			1-249-434-11		27K	5%	1/6W	
R1113 1-249-409-11	CARBON	220	5%	1/6W		R1378	1-249-410-11	CARBON	270	5%	1/6W	
R1114 1-249-393-11 R1115 1-249-425-11	CARBON CARBON	10 4.7K	5% 5%	1/6W 1/6W		 R1379	1-249-405-11	CARBON	100	5%	1/6W	
						R1381	1-249-434-11	CARBON	27K	5%	1/6W	
R1304 1-247-704-11 R1305 1-247-704-11	CARBON	220 220	5% 5%	1/4W			1-249-424-11		3.9K		1/6W	
R1306 1-247-704-11	CARBON CARBON	220	5%	1/4W 1/4W			1-249-419-11		1.5K 330	5% 5%	1/6W 1/6W	
R1307 1-247-704-11	CARBON	220	5%	1/4W		1						
R1308 1-249-429-11 R1309 1-247-704-11	CARBON CARBON	10K 220	5% 5%	1/6W 1/4W			1-249-393-11	CARBON CARBON	10 2.2K	5% 5%	1/6W 1/6W	
K1303 1-247-704-11	CARDON	220	JA	1/4#			1-249-425-11			5%	1/6W	
R1310 1-249-431-11	CARBON	15K	5%	1/6W		R1389	1-249-429-11	CARBON	10K	5%	1/6W	
R1311 1-249-409-11 R1312 1-249-440-11	CARBON CARBON	220 82K	5% : 5%	1/6W 1/6W		R1390	1-249-421-11	CARBON	2.2K	5%	1/6W	
R1313 1-247-725-11	CARBON	10K	5%	1/4W		R1401	1-249-433-11	CARBON	22K	5%	1/6W	
R1314 1-249-429-11	CARBON	10K	5%	1/6W			1-249-433-11		22K	5%	1/6W	
R1315 1-249-435-11	CARBON	33K	5%	1/6W			1-249-433-11		22K 22K	5% 5%	1/6₩ 1/6₩	
R1316 1-249-435-11	CARBON	33K	5%	1/6W			1-249-437-11		47K	5%	1/6W	
R1317 1-249-417-11 R1318 1-249-417-11	CARBON CARBON	1K 1K	5% 5%	1/6W 1/6W		P1406	1-249-437-11	CARBON	47K	5%	1/6W	
R1319 1-249-417-11		1K	5%	1/6W			1-249-437-11		47K	5%	1/6%	
01330 1 040 400 11	CARRON	220	F~	1.60			1-249-437-11		47K	5%	1/6	_
R1320 1-249-409-11 R1322 1-249-433-11	CARBON CARBON	220 22K	5% 5%	1/6W 1/6W			1-247-704-11 1-249-421-11		220 2.2K	5% 5%	1/4W 1/6W	F
R1323 1-249-429-11	CARBON	10K	5%	1/6W				O/MOON		<i>Q.</i> ,,,	1,01	
R1324 1-249-435-11 R1325 1-249-409-11	CARBON CARBON	33K 220	5% 5%	1/6W 1/6W		R1411	1-247-725-11	CARBON	10K	5% 5%	1/44	
K1323 1-249-409-11	CARBON	220	J #s	1/0%			1-249-429-11	CARBON CARBON	10K 2.2K		1/6W 1/6W	
R1326 1-249-409-11	CARBON	220	5%	1/6W		1					,	
R1327 1-215-493-00 R1328 1-249-417-11	CARBON CARBON	1M 1K	5% 5%	1/6W 1/6W			VAR	IABLE RESISTOR	<u> </u>			
R1329 1-247-895-00	CARBON	470K	5%	1/6W			1-230-626-41					
R1330 1-249-417-11	CARBON	1K	5%	1/6W		RV 302	1-230-631-11 1-230-630-11	RES, ADJ, CAR RES, ADJ, CAR	BON 22K	,		
R1331 1-247-849-00	CARBON	5.6K	5%	1/6W			1-230-271-00	RES. ADJ. CAR	BON 4.7	7K		
R1332 1-249-437-11	CARBON	47K	5%	1/6W		RV1301	1-230-628-11	RES, ADJ, CAR	BON 2.2	2K		
R1333 1-249-418-11 R1334 1-249-429-11	CARBON CARBON	1.2K 10K	5% 5%	1/6W 1/6W		RV1302	1-230-628-11	RES, ADJ, CAR	BON 2.2	2K		
R1335 1-249-409-11	CARBON	220	5%	1/6W		1		NSFORMER				
R1337 1-249-405-11	CARBON	100	5%	1/6W		Ì						
R1339 1-249-414-11 R1340 1-249-409-11	CARBON CARBON	560 220	5% 5%	1/6W 1/6W		T301 T401	1-404-524-11 1-404-584-11					
R1341 1-249-437-11	CARBON	47K	5%	1/6W		1401	1-404-364-11	COIC				
R1342 1-249-405-11	CARBON	100	5%	1/6W		į	CRY	STAL				
R1344 1-215-424-00	CARBON	1.3K	5%	1/6W		X101	1-567-192-11	OSCILLATOR, C	ERAMIC			
R1345 1-249-409-11 R1347 1-249-405-11	CARBON	220	5% 5%	1/6W		X358	1-567-505-11	OSCILLATOR, C	RYSTAL			
R1360 1-249-414-11	CARBON CARBON	100 5 6 0	5% 5%	1/6W 1/6W		X443	1-30/-304-11	OSCILLATOR, C	KISTAL			
R1362 1-249-414-11	CARBON	5 6 0	5%	1/6W								
R1363 1-247-901-00	CARBON	820K	5%	1/6W								
R1364 1-249-424-11	CARBON	3.9K	5%	1/6W		1						
R1365 1-249-437-11	CARBON	47K	5%	1/6W		į						
						i						

FB FA

Ref.No. Part No.	Description			Remark	Ref.N	o. Part No.	Description			Remark
*1-621-546-12	FB BOARD				C676 C677	1-123-364-00 1-136-173-00	ELECT FILM	1000MF 0.47MF	20%	50V 50V
CON	NECTOR				C681 C682	1-136-153-00 1-130-062-00	FILM	0.01MF	5%	AUS ONLY) 50V
FB1 1-506-348-XX FB2 *1-508-784-00					C686	1-136-173-00	FILM FILM		5% 5% (AEP,	630V 50V AUS ONLY)
NEO	N LAMP					DIO	DDE			
NL1691 1-519-237-11	LAMP, NEON				D601	8-719-503-06	DIODE S3WB60			
*******	*****	*****	*****	******	D602 D605 D607	8-719-100-65 8-719-924-06 8-719-815-55	DIODE RD12E- DIODE ERC24- DIODE 1S1555	065		
*A-1245-387-A	FA BOARD, CO		AUS ON	NLY)	D608	8-719-815-55	DIODE 1S1555	i		
*A-1245-411-A	******		LY)		D609 D651 D653 D654	8-719-925-06 8-719-300-53 8-719-300-59 8-719-300-59	DIODE ERC25- DIODE CTU-38 DIODE CTU-12 DIODE CTU-12	S S		
	ACITOR				 	*4-347-706-00	HEAT SINK (T	R); D654		
C 601 A. 1-136-360-51 C 607 1-161-738-00 C 608 A. 1-161-738-12 C 610 1-125-222-21 C 617 1-161-738-00	FILM CERAMIC CERAMIC ELECT(B'OCK) CERAMIC	0.22MF 0.0047MF 0.0047MF 330MF 0.0047MF	20% 20% 20% 20% 20%	250V 400V 400V 400V 400V	D655 D656 D658 D659	8-719-000-12 8-719-300-59 *4-347-706-00 8-719-110-03 8-719-110-03	DIODE MC931 DIODE CTU-12 HEAT SINK (T DIODE RD7.5E DIODE RD7.5E	R); D656 S-B2		
C618 1-102-030-00 C619 1-129-743-00 C620 1-124-126-00 C621 1-130-062-00 C622 1-124-344-91	CERAMIC FILM ELECT FILM ELECT	330 PF 0.022MF 47M F 0.0056MF 22MF	10% 10% 20% 5% 20%	500V 400V 16V 630V 100V	D660 D661 D663 D664 D665	8-719-815-55 8-719-815-55 8-719-109-93 8-719-100-65 8-719-300-59	DIODE 1S1555 DIODE 1S1555 DIODE RD6.2E DIODE RD12E- DIODE CTU-12	S-82 82		
C623 1-161-973-00 C624 1-161-973-00 C632 1-102-002-00 C651 1-162-115-00	CERAMIC CERAMIC CERAMIC CERAMIC	220 PF 220 PF 680 PF 330 PF	10% 10% 10% 10%	400V 400V 500V 2KV	D666 D667	8-719-911-19 8-719-911-55 <u>FUS</u>	DIODE U05G			
C 652 1-125-294-00	ELECT(BLOCK)		20%	160V	 F601	∆ .1-532-299-11	FUSE, TIME-L	AG 5A/250V		
C653 1-123-364-00 C654 1-123-338-00 C655 1-123-338-00 C656 1-162-318-11	ELECT ELECT ELECT CERAMIC	1000MF 2200MF 2200MF 0.001MF	20% 20% 20% 10%	50V 25V 25V 500V		*1-533-189-11 CON	HOLDER, FUSE NECTOR	; F601		
C 658 1-124-126-00	ELECT	47MF	20%	25V	FA1 FA2	*1-506-348-XX *1-506-348-XX	3P PLUG (L)			
C659 1-102-030-00 C661 1-123-333-00 C662 1-136-332-11 C663 1-124-038-00	CERAMIC ELECT FILM ELECT	330PF 100MF 0.01MF 1MF	10% 20% 5% 20%	500V 25V 630V 50V	FA3 FA4 FA6	*1-508-765-00 *1-508-767-00 *1-508-765-00	3P PLUG (M) 5P PLUG 3P PLUG (M)			
C 664 1-124-038-00 C 666 1-124-123-91 C 667 1-102-121-00	ELECT CERAMIC	1MF 100MF 0.0022MF	20% 20% 20% 10%	10V 50V	FA7 FA8 FA9	*1-566-058-11 *1-566-054-11 *1-564-529-11 *1-564-529-11	PIN, CONNECTOR, BO	OR 2P DARD TO BOAR	D 5P	
C668 A.1-136-360-51 C669 A.1-161-738-12 C670 A.1-161-738-12	FILM CERAMIC CERAMIC	0.22MF 0.0047MF 0.0047MF	20% 20% 20%	250V 400V 400V		īc				
0.070 1 0 0.00 0.00	CERAMIC CERAMIC CERAMIC	0.0047MF 0.0047MF 0.0047MF	20% 20% 20%	400V 400V 400V		8-719-800-82 8-759-145-58	IC UPC4558C			
	FILM	0.22MF	20%	250V	L601 L652 L653	1-407-365-00 1-407-780-00 1-407-780-00	COIL, CHOKE COIL. SPOOK (CHOKE CHOKE		
						1-532-675-00 1-532-686-00				

The components identified by shading and mark A are critical for safety. Replace only with part number specified.





Re	ef.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description			Remark
		1-532-686-00 1-532-637-00	LINK, IC						VAR	IABLE RESISTO	₹		
ŀ	- 3 634		NSISTOR					RV651	1-230-230-00 1-226-702-00	RES, ADJ, CER	RAMIC CARBON	1K	
,	0601	8-729-195-82	TRANSISTOR 2S	C 20E0				1			INL GLAZE 2.2	N.	
	2602	8-729-802-07 3-701-833-01	TRANSISTOR 2S HEAD, WASHER,	D1403-		FW - NEC	12	 T601 A		NSFORMER	I TAIL ETITED	/ 1 - progress - 1	· (<u></u> , ·
,	0651	4-365-216-00	SPACER, MICA; TRANSISTOR 2S	Q602	HU JUK	∟n, Ų0€	, ₍₋	1	1-421-758-11			(AEP,	AUS ONLY)
(•	8-729-109-53 *4-347-706-00			1			T602 A	\ 1-421-974-11 \.1-421-758-11	TRANSFORMER,	LINE FILTER	(LFT)	
		8-729-178-54	HEAT SINK (TR TRANSISTOR 2S THYRISTOR CRO	C2785	1	•			1-421-974-11 3.1-437-079-11		LINE FILTER	(WG ON	AUS ONLY) LY)
		RES	ISTOR					T605 Z	<u>A</u> .1-448-901-11	SRT			
		1-217-328-11 1-247-289-11	WIREWOUND CARBON	2.7 8.2M	10% 5%	7W 1W	F .	T607	1-421-975-11	•	LINE FILTER	(WG DI	NLY)
F		1-215-894-11	METAL OXIDE METAL OXIDE	2.2K	5% 5%	2W	F F	İ		RMISTOR			
F	R613	1-215-895-11	METAL OX IDE	3.3K	5%	2W	F	TH651 THP601	1-800-944-00 1-806-387-11	THERMISTOR T	H-4700 POSITIVE)		
F	R614 R615	1-216-458-11	CEMENTED	1.8K 30	10%	7W	F	*****	*******	*****	*****	*****	*****
F	R623 R627 R628	1-247-718-11 1-249-409-11 1-215-479-00	CARBON CARBON CARBON	2.7K 220 270K	5%	1/4W 1/6W 1/6W			*1-621-548-11	FC BOARD			
	R 6 29	1-249-427-11	CARBON	6.8K	5%	1/6W		1	CAF	PAC ITOR			
	R630 R631	1-247-692-11 1-217-352-11	CARBON WIREWOUND	22 390	5% 10%	1/4W 7W	F F	C611	1-106-220-00		0.1MF	10%	100V
F	R632 R652	1-217-192-00	WIREWOUND METAL OXIDE	0.22		2W	F F	C612 C613	1-106-351-00 1-123-356-00	ELECT	0.0022MF 10MF	5% 20%	50V 16V
	R 6 53	1-249-425-11	CARBON	4.7K		1/6W		C614 C616	1-124-125-91 1-123-875-91	ELECT ELECT	22MF 10MF	20% 20%	25V 50V
F	R654 R662	1-216-464-11	METAL OX IDE CARBON	18K 39K	5% 5%		F	C625	1-123-380-00		1MF	20%	50 V
F	R 663	1-249-430-11	CARBON CARBON	12K 100K	5%	1/6W 1/6W		C627 C628	1-136-153-00 1-102-820-00	CERAMIC	0.01MF 330PF	5% 5%	50V 50V
	1665	1-215-436-00	METAL	4.3K		1/6W		C634	1-106-220-00		0.1MF	10%	100V
F	R666 R667	1-247-713-11	CARBON CARBON	1K 180		1/4W 1/4W			<u>DIO</u>				
F	R669 R670	1-247-720-11	CARBON CARBON	3.9K 2.2K	5%	1/4W 1/6W		D603 D604	8-719-815-55 8-759-157-40	IC UPC574J			
		1-205-758-11		100	10%		F	D606	8-719-911-19				
F		1-244-945-91		1M 0.56	5%	1/2W	, F			NECTOR			
F	R678	1-247-749-11	CARBON	560 470	5% 10%	1/2W	F F	FC1 FC2	*1-562-516-11 *1-562-516-11				
F	R681	1-246-403-75	CARBON	1.2	5%	1/4W]	IC				
		1-249-429-11	CARBON	10K	5%	AUS ON 1/6W	LY).	IC 601	8-759-100-75	IC UPC1394C			
ş	R682	1-249-429-11	CARBON	1.0K	(WG ON	1/6W			TRA	MSISTOR			
					(AEP,	AUS ON	-	Q603	8-729-178-54	TRANSISTOR 2	SC2785		
	R683 R684	1-216-488-11 1-246-403-75	METAL OXIDE CARBON	18K 1.2	5% 5% (AFP.	3W 1/4W AUS ONI				ISTOR			
F	R684	1-246-405-00	CARBON	1.5	5%	1/4W	-1/ .	R605	1-215-481-00 1-249-433-11	CARBON CARBON	330K 5% 22K 5%	1/6¥ 1/6¥	
F	R685	1-249-440-11	CARBON	82K		1/6W	٧)	R608	1-249-421-11 1-215-457-00		2.2K 5% 33K 1%	1/6¥ 1/6¥	
F	₹689	1-249-429-11	CARBON	10K	5%	AUS ONL 1/6W		R616	1-247-862-00	CARBON	20K 5%	1/6	
					(ALP,	AUS ONI	L1)	R621 R622	1-249-429-11 1-249-433-11	CARBON CARBON	10K 5% 22K 5%	1/61 1/61	
								R624	1-249-425-11	CARBON	4.7K 5% 100K 5%	1/6	
484	y en passon		ntre (n.ä. e. a.e.), e.e. a.e.					R626	1-247-712-11		820 5%	1/4	

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Ref.	No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R 63 R 63 R 63 R 63	34 36 37	1-249-433-11		220K 47K 120K 22K 3.9K	5% 1% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		C1739 C1740 C1741	1-102-973-00 1-101-001-00 1-101-001-00 1-101-884-00 1-102-973-00	CERÀMIC CERAMIC CERAMIC	100PF 0.001M 0.001M 56PF 100PF		5% 5% 5%	50V 50V 50V 50V
R 63 R 67		1-249-425-11 1-249-440-11	CARBON	4.7K 82K	5% 5%	1/6W 1/6W		C1747	1-102-973-00 1-102-965-00 1-102-965-00	CERAMIC	100PF 39PF 39PF		5% 5% 5%	50V 50V 50V
		THE	RMISTOR					 C1749	1-102-965-00	CERAMIC	39 PF		5%	50 V
THE	6 01 <u>∧</u> .	1-800-944-11	THERMISTOR T	H-4700				C1750	1-102-965-00	CERAMIC	39 PF	_	5%	50 V
***	****	*****	******	*****	*****	*****	******	C1752	1-101-001-00 1-102-973-00	CERAMIC	0.001M 100PF	r	5%	50 V
	*	A-1270-212-A		MPLETE				(1/53	1-102-965-00	LERAMIC	39 PF		5%	50 V
			*****	*****				1	DIO	<u>DE</u>				
		1-537-076-11	TERMINAL BOA	RD, INP RD, INP	UT/0UT UT/0UT	PUT		D1706 D1707	8-719-100-38 8-719-100-38 8-719-100-38	DIODE RD6.2E DIODE RD6.2E	-B2 -B2			
		<u>C AP</u>	ACITOR						8-719-100-38 8-719-100-38					
C17 C17 C17	01	1-124-247-00	ELECT ELECT ELECT	47MF 10MF 10MF		20% 20% 20%	16V 25V 25V	D1710	8-719-100-38 8-719-100-38	DIODE RD6.2E	-B2			
C17			ELECT ELECT	47MF 10MF		20% 20%	16V 25V	1	JAC	K				
C17		1-124-247-00	ELECT	10MF		20%	25V	J25	1-561-534-41	SOCKET 21P				
C17 C17 C17	707	1-124-247-00 1-124-247-00 1-124-236-00	ELECT ELECT ELECT	10MF 10MF 47MF		20% 20% 20%	25V 25V 16V	 	CON	NECTOR				
C 17			ELECT	10MF		20%	25V	QA1 QA2	*1-566-055-11 *1-560-278-00	PIN, CONNECT PLUG, CONNEC	OR 3P			
C17		1-102-965-00 1-102-965-00	CERAMIC CERAMIC	39 PF 39 PF		5% 5%	50V 50V		RES	ISTOR				
C17	14	1-102-965-00	CERAMIC	39 PF		5%	50V	D1700	1-247-104-00		75	5%	1/4W	
C17		1-124-247-00	ELECT	10MF 10MF		20% 20%	25V 25V	R1701	1-249-417-11	CARBON	1K	5%	1/6W	
C 17	71 7	1 124 247 00	E) ECT	10ME		20%	257		1-247-901-00 1-249-417-11	CARBON CARBON	820K 1K	5% 5%	1/6W 1/6W	
C17		1-124-247-00	ELECT	10MF 10MF		20%	25V 25V			CARBON	820K		1/6W	
C17 C17		1-124-236-00 1-124-236-00	ELECT	47MF 47MF		20% 20%	16V 16V	R1705	1-247-104-00	CARBON	75	5%	1/4W	
C17		1-124-236-00	ELECT	47MF		20%	167	R1706	1-249-417-11	CARBON	1K	5%	1/6W	
C17	722	1-124-236-00	ELECT	47MF		20%	16V		1-247-901-00 1-249-417-11	CARBON	820K 1K	5% 5%	1/6W 1/6W	
C17	723	1-124-247-00	ELECT	10MF		20%	25V		1-247-901-00			5%	1/6W	
C17 C17			CERAMIC CERAMIC	100PF		5% 5%	50V 50V	P1710	1-247-104-00	CAPRON	75	5%	1/4W	
C17		1-102-973-00 1-102-973-00		100PF 100PF		5%	50V	R1711	1-249-414-11	CARBON	560	5%	1/6W	
C17	720	1-102-973-00	CEDAMIC	100 PF		EW	50 v		1-215-485-00 1-249-414-11		470K 560	5% 5%	1/6W 1/6W	
C17		1-101-884-00	CERAMIC CERAMIC	56PF		5% 5%	50V		1-215-485-00		470K		1/6W	
C17	31	1-102-973-00	CERAMIC	100 PF		5%	50V	İ						
C17 C17		1-102-973-00 1-101-884-00	CERAMIC CERAMIC	100 PF 56 PF		5% 5%	50V 50V	1						
C17	34	1-101-001-00	CERAMIC	0.001M	F		50V	<u> </u>						
C17	37	1-101-884-00	CERAMIC	56PF		5%	50V							
								1						

The components identified by shading and mark ∆ are critical for safety. Replace only with part number specified.

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Ē	Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description			Remark
	R1715	1-247-104-00	CARBON	75	5% 5%	1/4W		SW 5	1-570-145-11	SWITCH, SLID	=		
	R1716 R1717	1-249-417-11 1-247-901-00	CARBON CARBON	1 K 820 K	5%	1/6W 1/6W		*****	*****	*****	*****	*****	******
		1-247-708-11	CARBON	470	5%	1/4W		i					
		1-249-408-11	CARBON	180	5%	1/6W		j ·	*A-1270-213-A	QB BOARD, CO			
								İ		******	*****		
	21720	1-249-421-11	CARBON	2.2K	5%	1/6W			CAD	ACTTOD			
		1-247-708-11 1-249-408-11	CARBON	470 180	5% 5%	1/4W 1/6W			<u>L AP</u>	AC I TOR			
	R1722 R1723	1-249-408-11	CARBON CARBON	2.2K	5%	1/6W		C1779	1-124-475-11	ELECT	470MF	20%	16V
	R1723	1-247-708-11	CARBON	470	5%	1/4W		C1779	1-101-004-00	CERAMIC	0.01MF	20%	50V
	KIICT	1-24/-/00-11	CARDON	470	04	27 111		C1788	1-124-247-00	ELECT	10MF	20%	25V
	R1725	1-249-408-11	CARBON	180	5%	1/6W		İ					
	R1726	1-215-485-00	CARBON	470K	5%	1/6W		C1789	1-124-247-00	ELECT	10MF	20%	25V
	R1727	1-247-713-11	CARBON	1K	5%	1/4W		C1790	1-124-236-00	ELECT	47MF	20%	16V
	R1728	1-247-901-00	CARBON	820K	5%	1/6W		C1791	1-124-236-00	ELECT	47MF	20%	16V
	R1729	1-247-710-11	CARBON	560	5%	1/4W		C1792	1-102-959-00	CERAMIC	22PF	5%	50V
	n 1 7 20	1 247 005 00	CARRON	470K	5%	1/61/		C1793	1-101-004-00	CERAMIC	0.01MF		50V
	R1730	1-247-895-00	CARBON	470K	5%	1/6W 1/4W		1 01704	1-124-236-00	ELECT	47MF	20%	16V
	R1731 R1732	1-247-713-11 1-247-901-00	CARBON CARBON	820K	5%	1/6W		C1794 C1795	1-101-004-00	CERAMIC	0.01MF	20 m	50V
	R1732	1-247-104-00	CARBON	75	5%	1/4W		C1799	1-124-471-00	ELECT	1000MF	20%	6.3V
	R1735	1-247-104-00	CARBON	75	5%	1/4W		C1800	1-124-236-00	ELECT	47MF	20%	160
	K1/33	1-247-104-00	CARDON	, ,	J 41	27 400			1-124-475-11	ELECT	470MF	20%	16V
	R1736	1-247-104-00	CARBON	75	5%	1/4W							
	R1737	1-247-104-00	CARBON	75	5%	1/4W		C1802	1-102-971-00	CERAMIC	82PF	5%	50V
	R1738	1-249-417-11	CARBON	1K	5%	1/6W		C1803	1-124-471-00	ELECT	1000MF	20%	6.3V
		1-247-104-00	CARBON	75	5%	1/4W		C1804	1-102-971-00	CERAMIC	82PF	5%	50V
	R1740	1-249-429-11	CARBON	10K	5%	1/6W		C1806	1-101-361-00	CERAMIC	150PF	5%	50V
					F e/	1 (5)		C1807	1-102-111-00	CERAMIC	270PF	10%	50V
		1-249-412-11	CARBON	390	5%	1/6W		C1808	1-101-004-00	CERAMIC	0.01MF		50V
	R1743	1-247-713-11	CARBON	1 K	5% 5%	1/4W 1/6W		C1810	1-124-236-00	ELECT	47MF	20%	16V
	R1744	1-247-901-00	CARBON	820K 10K	5%	1/6W			1-124-236-00	ELECT	47MF	20%	160
	R1745 R1746	1-249-429-11 1-249-406-11	CARBON CARBON	120	5%	1/6W		C1813	1-124-236-00	ELECT	47MF	20%	167
	R1750	1-249-417-11	CARBON	1K	5%	1/6W		C1820	1-124-236-00	ELECT	47MF	20%	16V
	,(1,00	2 213 127 22	5,,,,,,			_,							
	R1751	1-247-104-00	CARBON	75	5%	1/4W		C1821	1-101-004-00	CERAMIC	0.01MF		50V
	R1752	1-249-401-11	CARBON	47	5%	1/6W		C1823	1-124-268-00	ELECT	0.22MF	20%	50V
	R1753	1-249-401-11	CARBON	47	5%	1/6W		C1824	1-124-268-00	ELECT	0.22MF	20%	50V
	R1754	1-249-401-11	CARBON	47	5%	1/6W		C1825	1-124-268-00	ELECT	0.22MF	20%	50V
	R1755	1-249-418-11	CARBON	1.2K	5%	1/6W		C1827	1-101-880-00	CERAMIC	47 PF	5%	50∀
	R1756	1-249-418-11	CARBON	1.2K	5%	1/6W		C1828	1-123-611-00	ELECT	1MF	20%	50v
		1-215-483-00	CARBON	390K	5%	1/6W		C1830	1-124-236-00	ELECT	47MF	20%	167
	R17.61	1-215-483-00	CARBON	390K	5%	1/6W		C1831	1-101-004-00	CERAMIC	0.01MF		50V
	R1762	1-215-483-00	CARBON	390K	5%	1/6W		C1832	1-124-236-00	ELECT	47MF	20%	16V
	R1763	1-215-483-00	CARBON	390K	5%	1/6W		C1833	1-101-004-00	CERAMIC	0.01MF		50V
	01760	1 040 406 11	CARRON	120	5%	1./61/		01004	1 101 004 00	CED 44470	0.0145		FOU
	R1768	1-249-406-11 1-247-710-11	CARBON CARBON	120 560	5% 5%	1/6W 1/4W		1 (1834	1-101-004-00 1-124-236-00	CERAMIC ELECT	0.01MF 47MF	20%	50V - 16V
	K1709	1-24/-/10-11	CARBON	300	34	1/ 48			1-124-963-11		33MF	20%	160
		SWI	TCH						1-101-880-00		47PF	5%	50v
		<u> </u>							1-124-236-00		47MF	20%	167
	SW1		SWITCH, SLID						1 101 000 00		0.01		504
	SW2							C1840	1-101-004-00	CERAMIC	0.01MF		50V.
	SW3 SW4	1-570-145-11	SWITCH, SLID SWITCH, SLID					-	DIO	NOE.			
	3W4	1-0/0-140-11	SMIICH' SFID	L					DIO	TOE.			
								D1770	8-719-911-19	DIODE 1SS119			
									8-719-911-19				
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Ref.No. Part No.	Description	Remark	Ref.No. Part N	lo.	Description				Remark
D1772 8-719-911-19 D1773 8-719-911-19 D1774 8-719-911-19 D1775 8-719-911-19 D1776 8-719-911-19	DIODE 1SS119 DIODE 1SS119		Q1799	900-36 178-54 178-54	TRANSISTOR D TRANSISTOR 2	TC124ES SC2785 SC2785			
D1777 8-719-911-19 D1780 8-719-911-19 D1781 8-719-911-19 D1782 8-719-911-19 D1783 8-719-931-06	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE EQB01-06		Q1806	178-54 178-54 178-54	TRANSISTOR 2 TRANSISTOR 2	SC2785 SC2785 SC2785			
D1784 8-719-110-14 D1787 8-719-109-90 D1788 8-719-911-19 D1789 8-719-911-19	DIODE RD9.1ES-B3 DIODE RD5.6ES-B3 DIODE 1SS119 DIODE 1SS119		Q1811 8-729- Q1812 8-729- Q1813 8-729- Q1814 8-729- Q1815 8-729-	178-54 178-54 178-54	TRANSISTOR 2 TRANSISTOR 2	SC2785 SC2785 SC2785			
īc	•		 Q1816 8-729-	178-54	TRANSISTOR 2	SC2785			
IC1770 8-759-800-65 IC1771 8-759-140-66 IC1772 8-759-102-37 IC1773 8-759-102-37 IC1774 8-759-900-86	IC \LA7910 IC UPD4066BC IC UPD4052BC IC UPD4052BC IC SN74\LS138N IC SN74\LS138N IC SN74\LS09N		Q1817	178-54 900-36 900-36	TRANSISTOR 2 TRANSISTOR D TRANSISTOR D	SC2785 TC124ES TC124ES			
IC1775 8-759-901-38 IC1776 8-759-900-09	IC SN74LS138N IC SN74LS09N		Q1822	178-54 178-54	TRANSISTOR 2 TRANSISTOR 2	SC2785 SC2785			
<u>C 01</u>	<u>[L</u>		Q1827 8-729-1	178-54	TRANSISTOR 2	SC2785			
L1770 1-408-239-00	MICRO INDUCTOR 4.7MMH		Q1828 8-729- Q1829 8-729-	178-54	TRANSISTOR 2	SC2785			
TRA	ANSISTOR		Q1830 8-729-1 Q1831 8-729-1						
Q1773 8-729-117-54 Q1774 8-729-178-54 Q1775 8-729-117-54	MICRO INDUCTOR 4.7MMH ANSISTOR TRANSISTOR 2SA1175 TRANSISTOR 2SC2785 TRANSISTOR 2SC1175 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785		Q1832 8-729-1 Q1891 8-729-1						
Q1777 8-729-178-54	TRANSISTOR 2SC2785			CON	IEC TOR				
Q1779 8-729-117-54 Q1780 8-729-117-54 Q1781 8-729-178-54	TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SC2785		QB11	056-11 056-11 054-11	PIN, CONNECT PIN, CONNECT PIN, CONNECT	OR 4P OR 4P OR 2P			
Q1784 8-729-900-89 Q1785 8-729-178-54 Q1786 8-729-178-54 Q1787 8-729-177-43	TRANSISTOR 2SC2785		QB16 *1-566-0						
Q1788 8-729-117-54	TRANSISTOR 2SA1175		i I	RESI	STOR				
Q1789 8-729-178-54 Q1790 8-729-177-43 Q1791 8-729-900-36 Q1792 8-729-178-54 Q1793 8-729-117-54	TRANSISTOR 2SC2785 TRANSISTOR 2SD774 TRANSISTOR DTC124ES TRANSISTOR 2SC2785 TRANSISTOR 2SA1175		R1771	405-11 405-11 405-11	CARBON CARBON CARBON CARBON CARBON	100 100	5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W	
01794 8-729-178-54 01795 8-729-178-54 01796 8-729-178-54 01797 8-729-178-54 01798 8-729-117-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SA1175		R1780	441-11 425-11 469-11		100K 4.7K 100K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/4W 1/6W	



Ref.No. Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R1785 1-249-441-11 R1786 1-249-441-11 R1787 1-249-433-11 R1788 1-249-413-11 R1794 1-215-485-00	CARBON CARBON CARBON CARBON CARBON	100K 100K 22K 470 470K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R1848 R1849 R1850	1-249-437-11 1-249-428-11 1-249-437-11 1-249-428-11 1-249-465-11	CARBON CARBON CARBON CARBON CARBON	47K 8.2K 47K 8.2K 47K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W	
R1795 1-249-422-11 R1796 1-249-440-11 R1797 1-249-434-11 R1798 1-249-425-11 R1799 1-249-419-11	CARBON CARBON CARBON CARBON CARBON	2.7K 82K 27K 4.7K 1.5K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R1852 R1853 R1854 R1855 R1856	1-249-428-11 1-249-416-11 1-249-416-11 1-249-417-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	8.2K 820 820 1K 1K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R1800 1-249-425-11 R1801 1-249-440-11 R1802 1-249-434-11 R1804 1-249-429-11 R1805 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	4.7K 82K 27K 10K 10K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W			1-247-713-11 1-249-433-11 1-249-417-11 1-249-429-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	1K 22K 1K 10K 1K	5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W	
R1806 1-249-406-11 R1807 1-247-849-00 R1808 1-247-849-00 R1809 1-249-408-11 R1810 1-247-832-00	CARBON CARBON CARBON CARBON CARBON	120 5.6K 5.6K 180 1.1K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		•	1-249-417-11 1-249-433-11 1-249-417-11 1-249-425-11 1-249-412-11	CARBON CARBON CARBON CARBON CARBON	1K 22K 1K 4.7K 390	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R1811 1-249-413-11 R1813 1-249-413-11 R1814 1-249-413-11 R1815 1-249-412-11 R1816 1-249-413-11	CARBON CARBON CARBON CARBON CARBON	470 470 470 390 470	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	•		1-249-417-11 1-249-412-11 1-249-421-11 1-249-421-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	1K 390 2.2K 2.2K 2.2K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R1817 1-247-832-00 R1819 1-249-413-11 R1820 1-249-406-11 R1821 1-249-406-11 R1822 1-249-406-11	CARBON CARBON CARBON CARBON CARBON	1.1K 470 120 120 120	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R1874 R1875	1-249-433-11 1-249-429-11 1-249-413-11 1-247-842-00 1-249-420-11	CARBON CARBON CARBON CARBON CARBON	22K 10K 470 3K 1.8K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R1823 1-249-406-11 R1824 1-247-881-00 R1825 1-247-881-00 R1826 1-247-881-00 R1827 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	120 120K 120K 120K 120K 10K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R1879 R1880 R1881	1-249-429-11 1-249-469-11 1-249-417-11 1-249-422-11	CARBON CARBON CARBON CARBON	10K 100K 1K 2.7K	5% 5% 5% 5%	1/6W 1/4W 1/6W 1/6W	
R1828 1-249-417-11 R1829 1-249-429-11 R1830 1-249-429-11 R1831 1-249-417-11 R1832 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	1K 10K 10K 1K 10K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R1883 R1884 R1885	1-249-417-11 1-249-433-11 1-249-417-11 1-249-416-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	1K 22K 1K 820 1K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R1833 1-249-429-11 R1834 1-249-417-11 R1835 1-249-428-11 R1836 1-249-422-11 R1837 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	10K 1K 8.2K 2.7K 1K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R1888 R1892 R1893	1-247-715-11 1-249-417-11 1-249-415-11 1-249-433-11 1-249-428-11	CARBON CARBON CARBON CARBON CARBON	1.5K 1K 680 22K 8.2K	5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W	
R1838 1-247-849-00 R1839 1-247-849-00 R1841 1-249-433-11 R1842 1-249-433-11 R1843 1-249-462-11	CARBON CARBON CARBON CARBON CARBON	5.6K 5.6K 22K 22K 22K 22K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W		R1898 R1899 R1902 R1903 R1921	1-249-412-11 1-249-424-11	CARBON CARBON CARBON	680 5.6K 5.6K 1K 390 3.9K	5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W 1/6W	
R1844 1-249-405-11 R1845 1-249-433-11 R1846 1-247-714-11	CARBON CARBON CARBON	100 22K 1.2K	5% 5% 5%	1/6W 1/6W 1/4W	 	R1922	1-249-424-11		3.9K		1/6W	



Ref.No	. Part No.	Description				Remark	Ref.No.	Part No.	Description			Remark
R1923 R1925 R1926 R1927	1-249-440-11	CARBON CARBON CARBON CARBON	2.2K 82K 82K 82K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W		C709 C710 C711 C712 C713	1-102-116-00 1-102-115-00 1-123-356-00 1-102-116-00 1-102-116-00	CERAMIC ELECT CERAMIC	680 PF 560 PF 10 MF 680 PF	10% 10% 20% 10% 10%	50V 50V 25V 50V
R1928 R1929 R1930 R1931 R1932	1-247-714-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	100 5.6K 1.2K 1K 1K	5% 5% 5% 5% 5%	1/6W 1/6W 1/4W 1/6W 1/6W		 C714 C715 C718 C723	1-123-321-00 1-102-125-00 1-102-125-00 1-108-634-81	ELECT CERAMIC CERAMIC MYLAR	220MF 0.0047MF 0.0047MF 0.047MF	20% 10% 10% 10%	50V 16V 50V 50V 100V
R1935 R1936 R1937 R1938 R1939	1-249-428-11 1-249-430-11 1-249-428-11 1-249-428-11 1-249-428-11	CARBON CARBON CARBON CARBON CARBON	8.2K 12K 8.2K 8.2K 8.2K	5%	1/6W 1/6W 1/6W 1/6W 1/6W		C753 C754 C755 C756 C757 C758	1-102-971-00 1-108-617-91 1-123-356-00 1-106-367-00 1-106-367-00 1-102-963-00	ELECT MYLAR MYLAR	0.0018MF 10MF 0.01MF 0.01MF	5% 10% 20% 10% 10%	100V 25V 100V 100V
R1940 R1941 R1942 R1950 R1951		CARBON CARBON CARBON CARBON CARBON	8.2K 8.2K 39 8.2K 10K	5% 5% 5% 5%	1/6W 1/6W 1/4W 1/6W 1/6W		C759 C760 C762 C763 C764	1-102-963-00 1-108-614-91	CERAMIÇ CERAMIC MYLAR FILM ELECT MYLAR	33PF 33PF 0.001MF 1MF 10MF 0.1MF	5% 5% 10% 5% 20% 10%	50V 50V 100V 50V 50V 100V
R1952 R1953 R1955 R1956 R1965	1-215-865-11 1-249-423-11 1-249-435-11 1-249-434-11 1-247-712-11	METAL OXIDE CARBON CARBON CARBON CARBON	220 3.3K 33K 27K 820	5% 5% 5% 5%	1W 1/6W 1/6W 1/6W 1/4W	F .	C765 C766 	1-123-380-00 1-124-122-11	ELECT ELECT	1MF 100MF	20% 20%	50V 50V
R1966 R1967 R1968 R1969	1-247-712-11 1-247-712-11 1-247-881-00 1-249-440-11	CARBON CARBON CARBON CARBON	820 820 120K 82K	5% 5% 5% 5%	1/4W 1/4W 1/6W 1/6W		D701 D702 D703 D704 D705	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119			
	1-249-417-11 1-249-417-11 1-249-417-11 1-247-713-11	CARBON CARBON CARBON CARBON	1 K 1 K 1 K 1 K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W		D706 D707 D708 D709 D710	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-901-83	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS83			
000000	*A-1330-789-A		LETE		*****	*******	D711 D711 D712 D713	8-719-901-83 8-719-901-83 8-719-901-83	DIODE 15583 DIODE 15583 DIODE 15583			
	1-526-644-71	SOCKET, CRT					D751 D752	8-719-911-19 8-719-911-19	DIODE 1SS119			
0.1		NEC TOR						<u>C01</u>	<u>L</u>			
C1 C2 C3 C5 C6	*1-506-371-00 *1-566-054-11 *1-566-055-11 *1-566-061-11 *1-566-054-11	PIN, CONNECTO PIN, CONNECTO PIN, CONNECTO	OR 3P OR 9P				L701 L702 L703 L704 L705	1-40/-711-00 1-407-708-00 1-407-708-00 1-407-697-00 1-407-697-00	MICRO INDUCT	OR 180UH OR 180UH OR 22UH		
C 7	*1-508-768-00	6P PLUG					L706	1-407-709-00	MICRO INDUCT	OR 220UH		
	<u>C AP</u>	ACITOR					1707 1721	1-407-697-00 1-408-446-11	MICRO INDUCTO	OR 22UH OR 22UH		
C 701 C 702	1-162-115-00 1-129-779-00	CERAMIC FILM	330PF 0.022M	ıF	10% 20%	2KV 1KV	L751	1-408-399-00		OR 1.5UH		
C 703 C 704 C 705	1-123-383-00 1-123-948-00 1-106-387-00	ELECT ELECT MYLAR	4.7MF 22MF 0.1MF		20% 20% 10%	100V 250V 200V	Q701	8-729-326-11	NSISTOR TRANSISTOR 2	SC2611		
C 706 C 707 C 708	1-106-387-00 1-102-116-00 1-102-116-00	CERAMIC	0.1MF 680PF 680PF		10% 10% 10%	200V 50V 50V						



Def No	Part No.	Description				Remark	IRef.No.	Part No.	Description			Remark
Q702 Q703 Q704 Q705 Q706	8-729-178-54 8-729-200-17 8-729-326-11 8-729-178-54 8-729-200-17	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	A 1091 C 2611 C 2785				R732 R733 R734 R735 R736	1-247-719-11 1-247-719-11 1-247-714-11 1-247-714-11 1-246-476-00	CARBON	3.3K 55 3.3K 55 1.2K 55 1.2K 55 1.3K 55	6 1/41 6 1/41 6 1/41	V F V F
Q707 Q708 Q709 Q710 Q712	8-729-200-17 8-729-326-11 8-729-178-54 8-729-255-12 8-729-255-12	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	C2611 C2785 C2551				R737 R739 R740 R741 R742	1-249-440-11 1-215-471-00 1-215-902-11 1-249-438-11 1-247-725-11	CARBON CARBON METAL OX IDE CARBON CARBON	82K 55 120K 55 47K 55 56K 55 10K 55	% 1/6 % 2W % 1/6	d F
Q714 Q715 Q716 Q751 Q752	8-729-200-17 8-729-200-17 8-729-200-17 8-729-178-54 8-729-178-54	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	A1091 A1091 C2785				R743 R744 R745 R746 R747	1-247-725-11 1-247-725-11 1-247-713-11 1-215-879-51 1-247-725-11	CARBON CARBON CARBON METAL OX IDE CARBON	10K 55 10K 55 1K 55 47K 56	% 1/4 % 1/4 % 1W	W F W F
Q753 Q754 Q755 Q756 Q757	8-729-178-54 8-729-177-43 8-729-178-54 8-729-374-02 8-729-177-43	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	D774 C2785 B740				R751 R752 R753 R754 R755	1-249-409-11 1-249-409-11 1-249-418-11 1-249-412-11 1-215-871-11	CARBON CARBON CARBON	220 5° 220 5° 1.2K 5° 390 5° 2.2K 5°	% 1/6 % 1/6 % 1/6	N N
	RES	ISTOR					 R756 R757	1-249-414-11 1-247-849-00	CARBON CARBON	560 5° 5.6K 5°		
R 701 R 702 R 703 R 704	1-212-352-00 1-202-846-00 1-202-844-00 1-202-815-11	METAL OXIDE SOLID SOLID SOLID	0.22 470K 330K 47K	10%	1W 1/2W 1/2W 1/2W	F .	R758 R759 R760	1-249-435-11 1-249-393-11 1-249-411-11	CARBON CARBON	33K 5 10 5 330 5	% 1/6 % 1/6	W F
R 705	1-202-846-00	SOLID	470K	10%	1/2W		R761 R762	1-249-409-11	CARBON	220 5°	1/6	W
R706 R707 R708 R709 R710	1-202-720-00 1-202-842-11 1-202-818-00 1-202-818-00 1-202-818-00	SOLID SOLID SOLID SOLID	1.2M 220K 1K 1K 1K	10% 10% 10% 10%	1/2W 1/2W 1/2W 1/2W 1/2W		R763 R764 R765 R766	1-249-437-11 1-249-397-11 1-249-417-11 1-249-435-11		47K 5° 22 5° 1K 5° 33K 5°	% 1/6 % 1/6	W F
R 711 R 712 R 713	1-202-549-00 1-202-543-00 1-216-486-00	SOLID SOLID METAL OXIDE	100 56 8.2K	10% 10% 5%	1/2W 1/2W 3W	F	R767 R768 R769 R770	1-249-441-11 1-249-435-11 1-249-417-11 1-249-389-11	CARBON CARBON CARBON	100K 5 33K 5 1K 5 4.7 5	% 1/6 % 1/6 % 1/6	W W W
R 714 R 715	1-249-409-11 1-249-429-11	CARBON CARBON	220 10K	5% 5%	1/6W 1/6W		R771	1-249-389-11 1-249-402-11	CARBON CARBON	4.7 59 56 59		W F
R 716 R 717	1-216-486-00 1-249-409-11	METAL OXIDE CARBON	8.2K 220	5% 5%	3W 1/6W	.F			RIABLE RESISTO	<u>OR</u>		
R 718 R 719 R 720	1-249-429-11 1-249-429-11 1-216-486-00	CARBON CARBON META)_ OX IDE	10K 10K 8.2K	5% 5% 5%	1/6W 1/6W 3W	F	RV 703	1-226-157-00 1-228-729-00 1-228-728-00	RES, ADJ, CE	RAMIC CARE	30N 220K	
R721 R722 R723 R724	1-249-409-11 1-249-405-11 1-247-700-11 1-249-405-11	CARBON CARBON CARBON CARBON	220 100 100 100	5% 5% 5% 5%	1/6W 1/6W 1/4W 1/6W		i	1-228-724-00	RES, ADJ, C	ERAMIC CARE	30N 10K	****
R 725	1-249-429-11	CARBON	10K	5%	1/6W			*A-1340-940-A	D2 BOARD, CO			
R 726 R 727 R 728 R 729	1-249-408-11 1-249-429-11 1-215-402-00 1-249-441-11	CARBON CARBON CARBON CARBON	180 10K 160 100K	5% 5% 5% 5%	5% 1/6W 5% 1/6W		C2501	CAF 1-108-618-91	PACITOR MYLAR	0.0022MF	10%	100V
R 730	1-215-402-00	CARBON	160	5%	1/6W		C2502	1-108-632-81 1-108-620-91	MYLAR MYLAR	0.033MF 0.0033MF	10% 10%	100V 100V
R 731	1-247-719-11	CARBON	3.3K	5%	1/4W	F	C2504	1-102-074-00	CERAMIC	0.001MF	10%	50V

D2

Ref.No. Part No.	Description			Remark	Ref.No.	Part No.	Description	<u>1</u>			Remark
C2505 1-106-367-00		0.01MF		100v	L2506	1-459-123-00	COIL, DUST	CORE(PAC)		
C2506 1-108-620-91 C2507 1-106-367-00	MYLAR	0.0033MF 0.01MF	10% 10%	100V 100V		TRA	INSISTOR				
C 2508 1-123-379-00 C 2509 1-123-356-00		0.47MF 10MF	20% 20%	50V	02501			0000705			
		TOME	20%	50v	Q2502	8-729-178-54 8-729-178-54	TRANSISTOR	2SC2785			
C2510 1-123-356-00 C2511 1-123-359-00		10MF 47MF	20% 20%	50V 50V	Q2503	8-729-178-54 8-729-178-54	TRANSISTOR	2SC2785			
C2512 1-123-359-00	ELECT	47MF	20%	50V	02505	8-729-178-54	TRANSISTOR	2SC2785			
C2513 1-123-357-00 C2514 1-123-361-00		22MF 220MF	20% 20%	50V 50V	1	8-729-122-02					
					Q2507	8-729-169-02	TRANSISTOR	2SC2690A			
C2515 1-123-333-00 C2516 1-123-360-00		100MF 100MF	20% 20%	25V 50V	Q2510	8-729-195-82 8-729-117-54	TRANSISTOR	2SC 2958			
C2517 1-129-701-00	FILM	0.01MF	5%	100v	Q2511	8-729-122-02	TRANSISTOR	2SA1175 2SA1220A			
C 2518 1-102-231-11 C 2520 1-123-380-00	CERAMIC ELECT	47PF 1MF	10% 20%	500 V 50 V	1	8-729-117-54					
		THE	20%	30 V	Q2516	8-729-178-54	TRANSISTOR	2SC 2785			
C2521 1-108-849-00 C2522 1-123-332-00		0.1MF 47MF	10% 20%	50V 25V	<u> </u>						
C 2523 1-108-637-00	MYLAR	0.082MF	10%	100V			ISTOR				
C 2524 1-106-222-00 C 2525 1-123-379-00	MYLAR ELECT	0.12MF 0.47MF	10% 20%	100V 50V	R2501	1-249-435-11 1-249-429-11	CARBON	33K 10K	5% 5%	1/6W 1/6W	
					R2503	1-249-435-11	CARBON	33K	5%	1/6W	
C2526 1-108-634-81 C2527 1-108-614-91		0.047MF 0.001MF	10% 10%	100V 100V	R2504	1-249-429-11 1-249-420-11	CARBON	10K 1.8K	5% 5%	1/6W	,
C2530 1-106-224-00	MYLAR	0.15MF	10%	100V				1.0%	J 4	1/6W	
C 2532 1-106-367-00 C 2535 1-108-630-91		0.01MF 0.022MF	10% 10%	100V 100V	R2506	1-249-429-11 1-249-437-11	CARBON	10K 47K	5% 5%	1/6W 1/6W	
					R2508	1-249-437-11	CARBON	47K	5%	1/6W	
C2536 1-123-379-00 C2537 1-123-332-00		0.47MF 47MF	20% 20%	50V 25V	R2509 R2510	1-249-418-11 1-249-438-11	CARBON	1.2K 56K	5% 5%	1/6W 1/6W	
0.050.0 1 100 000 00	CLEOT	A 754F	004	FOLL							
COM	NNEC TOR				R2511 R2512	1-249-439-11 1-249-429-11		68K 10K	5% 5%	1/6W 1/6W	
D21 *1-566-058-11	DIN CONNECT	TOD ED			R2513	1-249-417-11		1K	5%	1/6W	
D22 *1-508-767-00	5P PLUG	IOK OF			R2514	1-247-700-11 1-249-439-11	CARBON	100 68K	5% 5%	1/4W 1/6W	
D23 *1-508-766-00 D24 *1-508-765-00	4P PLUG (M)				 p2516	1-249-425-11	CARRON	4.7K	5% .	1/6W	
D25 *1-508-784-00	1P PLUG				R2517	1-249-439-11	CARBON	68K	5%	1/6W	
D26 *1-566-054-11	PIN CONNECT	TOR 2P			R2518 R2519	1-249-439-11 1-249-437-11	CARBON	68K 47K	5% 5%	1/6W 1/6W	
		- O			R2520	1-249-421-11	CARBON	2.2K		1/6W	
D21 *1-566-058-11 D22 *1-508-767-00 D23 *1-508-765-00 D24 *1-508-784-00 D25 *1-566-054-11 D2501 8-719-911-19 D2502 8-719-200-02 D2504 8-719-911-19 D2505 8-719-911-19 D2506 8-719-911-19 D2506 8-719-911-19	JUE				! R2521	1-249-439-11	CARBON	6 8K	:5%	1/6W	
D2501 8-719-911-19	DIODE 1SS119)			R2522	1-249-430-11	CARBON	12K	5%	1/6W	
D2502 8-719-200-02 D2503 8-719-200-02	DIODE 10E2				R2523	1-249-423-11 1-247-849-00	CARBON	3.3K 5.6K	5% 5%	1/6W 1/6W	
D2504 8-719-911-19	DIODE 1SS119				R2525	1-247-849-00		5.6K		1/6W	
D2505 8-719-911-19	DIODE 122113	,			R2526	1-249-423-11	CARBON	3.3K	5%	1/6W	
D2506 8-719-200-02 D2507 8-719-110-51						1-249-433-11	CARBON	22K	5%	1/6W	
)-D			R2529	1-249-433-11	CARBON CARBON	4.7K 22K	5% 5%	1/6W 1/6W	
<u>C01</u>	<u>[L</u>				R2530	1-249-423-11	CARBON	3.3K	5%	1/6W	
12501 1-407-877-00					R2531	1-249-401-11	CARBON	47	5%		F
L2502 1-459-119-00 L2503 1-407-504-00	COIL, DUST C					1-249-401-11 1-249-399-11		47 33	5% 5%		F F
L2504 1-459-583-11	COIL (WITH C	ORE)			R2534	1-249-429-11	CARBON	10K	5%	1/6W	•
12505 1-443-012-00	TRANSFORMER,	DINAMIC CC	MAFK210N		K 2540	1-249-434-11	CAKRON	27K	5%	1/6W	

D2 D3

Ref.No. Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R2541 1-215-473-00		150K 82	5% 5%	1/6W 1W	F		1-124-259-00 1-124-259-00		4.7MF 4.7MF		20% 20%	50V 50V
R2542 1-216-426-11 R2543 1-212-960-00	METAL OXIDE FUSIBLE	12	5%	1/2W			1-101-004-00		0.01MF		20%	50V
R2544 1-215-884-11 R2545 1-249-421-11	METAL OXIDE CARBON	47 2.2K	5% 5%	2W 1/6W	F	!	DIO	nF				
						20501						
R2546 1-247-706-11 R2547 1-249-435-11	CARBON CARBON	330 33K	5% 5%	1/4W 1/6W			8-719-000-12 8-719-000-12					
R2548 1-249-439-11	CARBON	68K	5%	1/6W		D2603	8-719-110-60	DIODE RD24E	S-B			
R2549 1-249-441-11 R2550 1-249-424-11	CARBON CARBON	100K 3.9K		1/6W 1/6W		1 02004	8-719-911-19	DIONE 12211	.9			
R2554 1-215-485-00	CARBON	470K	5%	1/6W		1	IC					
R2555 1-249-424-11	CARBON	3.9K	5%	1/6W			8-759-700-08	IC NJM45585	;			
R2556 1-249-425-11 R2557 1-249-429-11	CARBON CARBON	4.7K 10K	5% 5%	1/6W 1/6W		IC 2602	8-759-909-70	IC CX 23025				
R2558 1-249-425-11	CARBON	4.7K		1/6W		į	TRA	NSISTOR	•			
R2559 1-249-429-11	CARBON	10K	5%	1/6W			8-729-178-54					
R2560 1-249-430-11 R2561 1-249-429-11	CARBON	12K 10K	5% 5%	1/6W 1/6W			8-729-900-36 8-729-178-54	TRANSISTOR TRANSISTOR				
R2562 1-247-704-11	CARBON	220	5%	1/4W		02604	8-729-178-54	TRANSISTOR	2SC2785			
R2563 1-249-425-11	CARBON	4.7K	5%	1/6W] Q2605 	8-729-178-54	TRANSISTOR	2SC2785			
R2564 1-249-437-11	CARBON	47K 100K	5% 5%	1/6W			8-729-178-54 8-729-105-72					
R2565 1-249-441-11 R2566 1-249-409-11	CARBON CARBON	220	5%	1/6W 1/6W		02007	0-729-103-72	TRAITS FOR	23/222-71			
R2567 1-249-421-11	CARBON	2.2K	5%	1/6W			RES	ISTOR				
VAR	LIABLE RESISTOR	2					1-249-438-11 1-249-435-11	CARBON CARBON	56K	5%	1/6W	
RV2501 1-228-727-00	RES, ADJ, CER	RAMIC C	ARBON	47K			1-249-435-11	CARBON	33K 3.9K	5% 5%	1/6W 1/6W	
RV2502 1-228-727-00 RV2503 1-228-727-00	RES, ADJ, CER RES, ADJ, CER						1-249-424-11 1-247-704-11	CARBON CARBON	3.9K 220	5% 5%	1/6W 1/4W	
RV2504 1-228-724-00	RES, ADJ, CER	RAMIC C	ARBON	10K								
RV2505 1-228-724-00	RES, ADJ, CER	RAMIC C	ARBON	10K			1-249-441-11 1-249-441-11	CARBON CARBON		5% 5%	1/6W 1/6W	
TRA	NSFORMER					R2611	1-247-725-11	CARBON	10K	5%	1/4W	
T2501 1-407-849-00	TRANSFORMER,	D.F					1-249-438-11 1-215-471-00	CARBON CARBON	5 6 K 120K	5% 5%	1/6W 1/6W	
************	*****	*****	*****	*****	*****	 R2614	1-249-429-11	CARBON	10K	5%	1/6W	
±8 1340 041 8	D2 BOARD COM	ADI ETE				R2615	1-249-429-11	CARBON	10K	5%	1/6W	
*A-1340-941-A	D3 BOARD, COM	1PLE 1E					1-249-429-11 1-249-429-11	CARBON CARBON	10K 10K	5% 5%	1/6W 1/6W	
*1-566-057-11	PIN, CONNECTO	NR 50				R2618	1-249-429-11	CARBON	10K	5%	1/6W	
*1-566-058-11							1-249-441-11			5%	1/6W	
CAP	AC I TOR						1-249-441-11 1-249-429-11	CARBON CARBON		5% 5%	1/6W 1/6W	
						R2623	1-249-429-11	CARBON	10K	5%	1/6W	
C2601 1-124-598-11 C2602 1-123-381-00	ELECT	22MF 2.2MF		20% 20%	25V 50V	R2624	1-249-417-11	CARBON	IK	5%	1/6W	
C 2603 1-123-381-00	ELECT	2.2MF		20%	50V		1-249-429-11	CARBON	10K	5%	1/6W	
C2604 1-123-369-00 C2606 1-101-004-00	ELECT CERAMIC	4.7MF 0.01MF		20%	50V 50V	R2626	1-249-433-11 1-249-433-11	CARBON CARBON	22K 22K	5% 5%	1/6W 1/6W	
				204		R2628	1-249-429-11	CARBON	10K	5%	1/6W	
C2607 1-123-333-00 C2608 1-123-381-00	ELECT	100MF 2.2MF		20% 20%	25V 50V	K2629	1-249-405-11	CARBON	100	5%	1/6W	
C 2609 1-124-598-11 C 2610 1-124-259-00	ELECT	22MF		20%	25V		1-249-405-11	CARBON	100	5%	1/6W	
C2611 1-123-816-00	ELECT ELECT	4.7MF 10MF		20% 20%	50V 50V		1-247-700-11 1-249-423-11	CARBON CARBON	100 3.3K	5% 5%	1/4W 1/6W	
							1-249-423-11	CARBON	3.3K	5%	1/6W	



Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
R 2636 R 2637	1-247-700-11 1-247-722-11 1-249-427-11 1-249-433-11 1-249-431-11	CARBON CARBON CARBON	100 5% 5.6K 5% 6.8K 5% 22K 5% 15K 5%	1/4W 1/4W 1/6W 1/6W 1/6W		C551 C552 C555 C556 C557	1-123-357-00 1-123-356-00 1-123-379-00 1-136-175-00 1-136-169-00	ELECT ELECT FILM	22MF 10MF 0.47MF 0.68MF 0.22MF	20% 20% 20% 5% 5%	50V 50V 50V 50V 50V
R 2640 R 2642 R 2643	1-249-437-11 1-249-429-11 1-249-424-11 1-249-423-11 1-247-885-00	CARBON CARBON CARBON CARBON CARBON	47K 5% 10K 5% 3.9K 5% 3.3K 5% 180K 5%	1/6W 1/6W 1/6W 1/6W 1/6W		C1503	1-136-161-00 1-106-220-00 1-106-371-00 1-123-330-00 1-108-630-91	FILM MYLAR MYLAR ELECT MYLAR	0.047MF 0.1MF 0.015MF 22MF 0.022MF	5% 10% 10% 20% 10%	50V 100V 100V 16V 100V
R 2645	1-249-429-11	CARBON IABLE RESISTO	10K 5%	1/6W		C1506 C1507 C1508	1-123-356-00 1-123-332-00 1-130-868-00	ELECT	10MF 47MF	20% 20%	25V 25V
						C1509	1-123-369-00	FILM ELECT	0.0056MF 4.7MF	5% 20%	50 v 25 v
RV2602	1-228-728-00 1-228-728-00 1-228-724-00	RES, ADJ, CE RES, ADJ, CE RES, ADJ, CE	RAMIC CARBON	100K		C1510 C1511	1-102-820-00	CERAMIC ELECT	330 PF 220MF	5% 20%	50V 16V
RV 2604	1-228-724-00	RES, ADJ, CE	RAMIC CARBON	10K		C1512	1-123-379-00	ELECT	0.47MF	20%	50V
	1-228-725-00	RES, ADJ, CE				C1521	1-102-125-00 1-108-631-81	CERAMIC MYLAR	0.0047MF 0.027MF	10% 10%	50V 100V
	1-228-727-00	RES, ADJ, CE					1-123-333-00	ELECT	100MF	20%	25 V
	************** FA-1345-699-A	**************************************	PLETE	****	******	C1524 C1525 C1526	1-102-978-00 1-106-379-12 1-162-117-00 1-102-157-00	CERAMIC MYLAR CERAMIC CERAMIC	220PF 0.033MF 100PF 560PF	5% 10% 10% 10%	50V 200V 500V 500V
	<u>C AP</u>	AC I TOR					1-102-038-00	CERAMIC	0.001MF		500V
C 502 C 503	1-123-380-00 1-108-622-91 1-108-618-91 1-123-323-00 1-123-379-00	ELECT MYLAR MYLAR ELECT ELECT	1MF 0.0047MF 0.0022MF 470MF 0.47MF	20% 10% 10% 20% 20%	50V 100V 100V 16V 50V	C1529 C1530 C1531	1-106-379-12 1-102-820-00 1-123-361-00 1-125-294-00 1-124-006-11	MYLAR CERAMIC ELECT ELECT(BLOCK) ELECT	0.033MF 330 PF 220MF 560MF 10MF	10% 5% 20% 20% 20%	200V 50V 50V 160V 25V
C506 C507 C508 C509	1-123-318-00 1-123-379-00 1-136-173-00 1-123-357-00 1-136-162-00	ELECT ELECT FILM ELECT FILM	33MF 0.47MF 0.47MF 22MF 0.056MF	20% 20% 5% 20% 5%	16V 50V 50V 50V	C1534A C1535 C1536	1-162-115-51 1-136-330-11 1-129-953-00 1-123-333-00 1-123-333-00	CERAMIC FILM FILM ELECT ELECT	330 PF 0.014MF 0.068MF 100MF	10% 3% 20% 20% 20%	2KV 1.6KV 1.5KV 16V
C514 C515 C516 C520	1-124-609-11 1-124-625-11 1-123-336-00 1-102-244-00 1-123-364-00	ELECT ELECT ELECT CERAMIC ELECT	470MF 22MF 470MF 220PF 1000MF	10% 10% 20% 10% 20%	50V 50V 25V 500V 500V	C1540 C1541 C1542	1-162-116-11 1-162-115-00 1-108-630-91 1-136-179-00 1-102-820-00	CERAMIC CERAMIC MYLAR FILM CERAMIC	680 PF 330 PF 0.02 2MF 1.5MF 330 PF	10% 10% 10% 5% 5%	2KV 2KV 100V 200V 50V
C522 C523 C524 C525	1-123-875-91 1-106-387-00 1-106-381-12 1-102-244-00 1-124-342-00	ELECT MYLAR MYLAR CERAMIC	10MF 0.1MF 0.039MF 220PF 3.3MF	20% 10% 10% 10% 20%	50V 200V 200V 200V 500V	C1549 C1550 C1551	1-136-328-11 1-106-367-00 1-102-973-00 1-102-030-00 1-106-367-00	FILM MYLAR CERAMIC CERAMIC MYLAR	1MF 0.01MF 100PF 330PF 0.01MF	5% 10% 5% 10% 10%	400V 100V 50V 500V 100V
C527 C528 C531 C545	1-108-694-81 1-162-318-11 1-123-379-00 1-123-330-00 1-123-381-00	MYLAR CERAMIC ELECT ELECT ELECT	0.015MF 0.001MF 0.47MF 22MF 2.2MF	10% 10% 20% 20% 20%	200V 500V 50V 25V 50V	C1554 C1555 C1556 C1557	1-123-379-00 1-106-367-00 1-102-110-00 1-123-333-00 1-108-622-91	MYLAR CERAMIC ELECT MYLAR	0.47MF 0.01MF 220PF 100MF 0.0047MF	20% 10% 10% 20% 10%	50V 100V 50V 25V 100V
	1-123-333-00 1-123-321-00	ELECT ELECT	100MF 220MF	20% 20%	25V 16V	C1559	1-123-330-00 1-123-379-00 1-123-379-00	ELECT	22MF 0.47MF 0.47MF	20% 20% 20%	16V 50V 50V

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Ref.No. Part No.	Description			Remark	Ref.No.	Part No.	<u>Description</u> <u>Remark</u>
C1565 1-106-220-00 C1566人1-162-115-51 C1567人1-162-115-51 C1568人1-130-706-11 C1569人1-129-747-11	MYLAR CERAMIC CERAMIC FILM FILM	0.1MF 330PF 330PF 0.008MF 0.047MF	10% 10% 10% 3% 10%	100V 2KV 2KV 1.6KV 400V	D510 D511 D513 D520 D521	8-719-815-55	DIODE RD15ES-B DIODE RD24E-BZ7
C1570 1-129-751-00 C1571 1-102-030-00 C1572 1-123-321-00 C1576 1-123-332-00 C1577 1-123-318-00	FILM CERAMIC ELECT ELECT ELECT	0.1MF 330PF 220MF 47MF 33MF	20% 10% 20% 20% 20%	400V 500V 16V 25V 16V	D1508	8-719-101-61 8-719-815-55 8-719-110-38 8-719-815-55 8-719-200-02	
C1578 1-108-630-91 C1579 1-106-220-00 C1585 1-123-357-00 C1586 1-108-621-91 C1587 1-131-351-00	MYLAR MYLAR ELECT MYLAR TANTALUM	0.022MF 0.1MF 22MF 0.0039MF 4.7MF	10% 10% 20% 10%	100V 100V 50V 100V 35V	D1511 D1512 D1513	8-719-300-76 8-719-300-76 8-719-300-76 8-719-901-19 8-719-200-02	DIODE RHIA DIODE RHIA DIODE VIIN
C1591 1-124-005-11 C1592 1-106-367-00 C1593 1-136-171-00 C1595 1-123-381-00 C1596 1-123-369-00	MYLAR FILM ELECT	4.7MF 0.01MF 0.33MF 2.2MF 4.7MF	20% 10% 5% 20% 20%	50V 200V 50V 50V 50V	D1517AA D1517BA D1518AA	.8-719-906-15 .8-719-928-08	DIODE V30N DIODE ERC26-15S DIODE ERC26-15S DIODE ERD28-08S DIODE ERD28-08S
C1597 1-136-175-00 C1598 1-102-816-00 C1599 1-106-367-00 C1601 1-106-367-00 C1602 1-106-367-00	FILM CERAMIC MYLAR MYLAR MYLAR	0.68MF 120PF 0.01MF 0.01MF 0.01MF	5% 5% 10% 10%	50V 50V 100V 100V 100V	D1527 D1528 D1529	8-719-815-55 8-719-300-76 8-719-926-16 8-719-300-76 8-719-300-76	DIODE RH1A DIODE ERC26-15SA
C1603 1-106-367-00 C1604 1-106-367-00 C1605 1-123-381-00 C1606 1-123-985-00 C1607 1-136-162-00	MYLAR MYLAR ELECT ELECT FILM	0.01MF 0.01MF 2.2MF 1000MF 0.056MF	10% 10% 20% 20% 5%	100V 100V 50V 16V 50V	D1535 D1536 D1537		DIODE RD24ES-B DIODE RD4.7E-N2 DIODE RD6.2E-N2
<u>C ON</u>	INEC TOR						DIODE RD5.6E-N2
D1 *1-508-766-00 D2 *1-566-055-11	PIN. CONNECT	OR 3P			01341	8-719-300-76 <u>IC</u>	DIODE RHIA
D3 *1-566-054-11 D4 *1-508-767-00 D5 *1-506-348-XX	PIN, CONNECT 5P PLUG 4P PLUG	OR 2P			IC 503	8-759-178-12 8-759-178-12 8-759-100-60	IC UPC78L12
D6 *1-508-767-00 D7 *1-566-056-11	5P PLUG PIN, CONNECT	OR 4P			IC1502	8-759-700-08 8-759-700-08	IC NJM4558S
D8 *1-508-765-00 D9 *1-508-765-00 D10 *1-508-768-00	3P PLUG (M) 3P PLUG (M) 6P PLUG				[[COI	<u>L</u> .
D11 *1-508-768-00 D12 *1-566-055-11 D15 *1-566-058-11 D27 *1-566-058-11 D28 *1-566-057-11	6P PLUG PIN, CONNECT PIN, CONNECT PIN, CONNECT	OR 6P OR 6P			<u>L</u> 1502 <u>L</u> 1503	1-459-060-00 1-407-364-00 1-459-215-00 1-407-365-00 1-407-365-00	COIL, CHOKE
DIO	·				L1505 L1506	1-407-365-00 1-459-104-00	COIL, CHOKE COIL, DUST CORE
D502 8-719-200-02 D503 8-719-300-76	DIODE 1S1555 DIODE 10E2 DIODE RH1A	i			<u>L</u> 1507 <u>L</u> 1508 <u>A</u> <u>L</u> 1510	1-407-365-00 1-421-390-11 1-407-365-00	COIL, CHOKE COIL, FERRITE (PMC) COIL, CHOKE
D504 8-719-300-76 D506 8-719-200-02	DIODE RH1A DIODE 10E2				[L1511 L1512 ∧	1-407-365-00 1-459-308-31	COIL, CHOKE COIL, HORIZONTA' LINEARITY
0508 8-719-110-34	DIODE RD13ES	-В			<u> </u> 		
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The components identified by shading and mark A are critical for safety. Replace only with part number specified.



Ref.No. Part No.	Description	Remark Ref.	No. Part No.	Description				Remark
IC PS501 1-532-727-11 TR	LINK LINK, IC ANSISTOR	R50 R50 R50 R50 R51	1-249-435-11 1-249-424-11 18 1-247-726-11 1-249-428-11 0 1-249-431-11	CARBON CARBON CARBON CARBON CARBON	33K 3.9K 33K 8.2K 15K	5% 5% 5% 5% 5%	1/6W 1/6W 1/4W 1/6W	
Q501 8-729-178-54 Q502 8-729-178-54 Q503 8-729-117-54 Q505 8-729-117-54 Q506 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SC2785	R51 R51 R51 R51 R51	1 1-249-432-11 2 1-247-158-00 3 1-249-430-11 4 1-215-466-00 5 1-249-468-11	CARBON CARBON CARBON CARBON CARBON	18K 13K 12K 75K 82K	5% 5% 5% 5% 5%	1/6W 1/4W 1/6W 1/6W 1/4W	
Q510 8-729-195-82 Q511 8-729-122-02 Q512 8-729-169-02 Q515 8-729-117-54 Q516 8-729-177-43	Description LINK LINK, IC ANSISTOR TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2958 TRANSISTOR 2SA1220A TRANSISTOR 2SA1275 TRANSISTOR 2SA1175 TRANSIST	R51 R51 R51 R51 R52	6 1-247-713-11 7 1-249-420-11 8 1-247-721-11 9 1-247-715-11 0 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	1.5K	5% 5% 5% 5%	1/4W 1/6W 1/4W 1/4W 1/6W	
Q518 8-729-178-54 Q522 8-729-117-54 Q523 8-729-117-54 Q1501 8-729-117-54 Q1503 8-729-203-81	TRANSISTOR 2SC2785 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SA1175 TRANSISTOR 2SC2238B	R52 R52 R52 R52 R52	1 1-249-434-11 12 1-249-438-11 13 1-214-765-00 15 1-216-353-00 1-249-423-11	CARBON CARBON METAL METAL OXIDE CARBON	33K 2,2	5% 5% 1% 5%	1/6W 1/6W 1/4W 1W 1/6W	F
Q1504 8-729-301-74 4-374-410-01 *4-374-413-01 Q1505 8-729-177-43 Q1506 8-729-103-43	TRANSISTOR 2SD1497-04 SPACER, MICA; Q1504 RETAINER (A), TR; Q1504 TRANSISTOR 2SD774 TRANSISTOR 2SB734	R52 R52 R52 R53 R53	7 1-249-420-11 8 1-249-413-11 19 1-249-414-11 0 1-247-705-11 1-249-393-11	CARBON CARBON CARBON CARBON CARBON	470 560 270	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/4W 1/6W	F`
Q1507 8-726-420-00 3-703-320-00 4-303-844-00 *4-309-762-00 Q1508 8-729-301-74	SPACER, MICA (4) MD-17; Q1507 RETAINER (MD-17), TRANSISTOR; Q1	R53 R533 R534 R544 R54	7 1-249-399-11 8 1-215-869-11 9 1-216-350-11 0 1-249-405-11 1 1-216-350-11	METAL OXIDE CARBON	1K 1.2 100	5% 5% 5% 5%	1/6W 1W 1W 1/6W 1/6W	የ F F F
4-374-410-01 *4-374-413-01 Q1511 8-729-103-43 Q1512 8-729-117-54 Q1513 8-729-178-54	SPACER, MICA; Q1508 RETAINER (A), TR; Q1508 TRANSISTOR 2SB734 TRANSISTOR 2SA1175 TRANSISTOR 2SC2785	R 54. R 54. R 54. R 55.	2 1-215-865-11 3 1-249-382-11 4 1-215-869-11 6 1-247-715-11 1 1-216-432-00	CARBON METAL OXIDE CARBON	1.2 1K 1.5K	5% 5% 5% 5%	1W 1/6W 1W 1/4W 1/4W	F F F
Q1514 8-729-178-54 Q1515 8-729-178-54 Q1520 8-729-168-82 4-377-115-01 *4-381-170-01	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2688 SPACER, MICA; Q1520 HO'DER, TR; Q1520	R55. R55. R55. R55. R56. R56. R56.	2 1-247-720-11 3 1-215-891-11 4 1-247-721-11 7 1-247-725-11 8 1-249-427-11	METAL OXIDE CARBON CARBON	4.7K	5% 5% 5%	1/4W 2W 1/4W 1/4W 1/6W	F
Q1522 8-729-900-36 Q1523 8-729-900-36 Q1524 8-729-900-36	TRANSISTOR DTC124ES TRANSISTOR DTC124ES TRANSISTOR DTC124ES TRANSISTOR DTC124ES TRANSISTOR DTC124ES	R 566 R 566 R 566 R 566	0 1-249-417-11 1 1-247-708-11 2 1-247-704-11 3 1-247-704-11 4 1-247-711-11	CARBON CARBON CARBON	470 220 220	5% 5% 5% 5% 5%	1/6W 1/4W 1/4W 1/4W 1/4W	
	TRANSISTOR DTC124ES	R58 R58 R59	2 1-249-441-11	CARBON	100K	5% 5%	1/6W 1/6W	r
R501 1-215-485-00	CARBON 470K 5% 1/6W	R59.	3A 1-215-926-00	METAL OXIDE	33K	5% 5% 5%		F
R502 1-249-427-11 R503 1-249-425-11 R504 1-249-429-11 R505 1-249-421-11	CARBON 4.7K 5% 1/6W CARBON 10K 5% 1/6W	R 599 R 599 R 599 R 599	6 1-246-488-00 7 1-249-461-11	CARBON CARBON	4.3K	5%	1/6W 1/4W 1/4W 1/4W	



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Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R1502 R1503	1-214-741-00 1-249-411-11 1-247-723-11 1-249-405-11 1-249-435-11	ME TAL CARBON CARBON CARBON CARBON	3.3K 330 6.8K 100 33K	1% 5% 5% 5% 5%	1/4W 1/6W 1/4W 1/6W 1/6W		R1564 R1565 R1566	1-249-422-11 1-249-405-11 1-249-462-11 1-249-439-11 1-249-435-11	CARBON CARBON CARBON CARBON CARBON	2.7K 100 22K 68K 33K	5% 5% 5% 5% 5%	1/6W 1/6W 1/4W 1/6W 1/6W	F
R1506 R1507 R1508	1-249-436-11 1-247-894-00 1-249-462-11 1-249-429-11 1-249-405-11	CARBON CARBON CARBON CARBON CARBON	39K 430K 22K 10K 100	5% 5% 5% 5% 5%	1/6W 1/6W 1/4W 1/6W 1/6W		R1573	1-247-713-11 1-249-382-11 1-249-448-11 1-249-382-11 1-216-424-11	CARBON CARBON CARBON CARBON METAL OX IDE	1K 1.2 1.2 1.2 39	5% 5% 5% 5%	1/4W 1/6W 1/4W 1/6W 1W	F F F
R1511 R1512 R1513	1-249-433-11 1-215-471-00 1-249-440-11 1-249-423-11 1-247-868-00	CARBON CARBON CARBON CARBON CARBON	22K 120K 82K 3.3K 36K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R1575 R1576 R1577 R1578 R1579	1-249-382-11 1-215-869-11 1-249-425-11 1-202-723-00 1-247-718-11	CARBON METAL OXIDE CARBON SOLID CARBON	1.2 1K 4.7K 2.2M 2.7K	5% 5% 5% 10% 5%	1/6W 1W 1/6W 1/2W 1/4W	F
R1521	1-249-430-11 1-249-429-11 1-249-435-11 1-247-701-11 1-247-723-11	CARBON CARBON CARBON CARBON CARBON	12K 10K 33K 120 6.8K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/4W 1/4W	-	R1580 R1581 R1582 R1583 R1584	1-249-439-11 1-249-441-11 1-249-429-11 1-249-427-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	68K 100K 10K 6.8K 2.2K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R1531 R1532 R1532A	1-247-700-11 1-247-713-11 1-215-922-11 1-215-922-11 1-247-721-11	CARBON CARBON METAL OXIDE METAL OXIDE CARBON	100 1K 6.8K 6.8K 4.7K	5% 5% 5% 5%	1/4W 1/4W 3W 3W 1/4W	F F	R1585 R1588 R1589 R1590 R1592	1-247-713-11 1-215-871-11 1-247-726-11 1-247-726-11 1-214-779-00	CARBON METAL OX IDE CARBON CARBON METAL	1K 2.2K 33K 33K 120K	5% 5% 5% 1%	1/4W 1W 1/4W 1/4W 1/4W	F
R1534A R1535	1-215-918-00 1-216-482-11 1-216-388-11 1-247-697-11 1-249-385-11	METAL OXIDE METAL OXIDE METAL OXIDE CARBON CARBON	1.5K 1.8K 0.82 56 2.2	5% 5% 5% 5% 5%	3W 3W 3W 1/4W 1/6W	F F F	R1593 R1594 R1595 R1597 R1598	1-214-781-00 1-247-722-11 1-214-777-00 1-214-752-00 1-214-749-00	ME TAL CARBON ME TAL ME TAL ME TAL	150K 5.6K 100K 9.1K 6.8K		1/4W 1/4W 1/4W 1/4W 1/4W	
R1541 R1541	1-249-385-11 1-216-434-11 1-215-915-11 1-216-479-11 1-215-880-00	CARBON METAL OXIDE METAL OXIDE METAL OXIDE METAL OXIDE	2.2 1.8K 470 560 10	5% 5% 5% 5% 5%	1/6W 1W 3W 3W 2W	F F F F	R1602	1-215-473-00 1-249-405-11 1-246-531-00 1-215-477-00 1-247-725-11	CARBON CARBON CARBON CARBON CARBON	150K 100 270K 220K 10K	5% 5% 5% 5%	1/6W 1/6W 1/4W 1/6W 1/4W	
	1-215-869-11 1-216-448-11 1-247-693-11 1-216-371-00 1-247-697-11	METAL OXIDE METAL OXIDE CARBON METAL OXIDE CARBON	1K 39 27 1.5 56	5% 5% 5% 5% 5%	1W 2W 1/4W 2W 1/4W	F F	R1604 R1605 R1606 R1607 R1608	1-247-725-11 1-247-725-11 1-247-725-11 1-247-725-11 1-249-469-11	CARBON CARBON CARBON CARBON CARBON	10K 10K 10K 10K 10K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R1553	1-249-382-11 1-249-382-11 1-247-725-11 1-249-425-11 1-247-705-11		1.2 1.2 10K 4.7K 270	5% 5% 5% 5%	1/6W 1/6W 1/4W 1/6W 1/4W	F	R1610 R1611 R1612	1-249-433-11 1-247-725-11 1-249-433-11 1-249-422-11 1-249-451-11	CARBON CARBON CARBON	22K 10K 22K 2.7K 2.2	5% 5% 5% 5%	1/6W 1/4W 1/6W 1/6W 1/4W	F
R1556 R1557 R1558	1-249-465-11 1-249-425-11 1-249-429-11 1-249-425-11 1-249-417-11	CARBON CARBON CARBON	47K 4.7K 10K 4.7K 1K	5%	1/4W 1/6W 1/6W 1/6W 1/6W	•	 RV501	1-247-700-11 <u>VAF</u> 1-228-717-00 1-228-727-00	RIABLE RESISTO	 RAMIC (
R1561	1-247-862-00 1-214-746-00 1-247-713-11	METAL	20K 5.1K 1K	5% 1% 5%	1/6W 1/4W 1/4W		RV1501 RV1503	1-228-727-00 1-228-723-00 1-228-720-00 1-228-720-00	RES, ADJ, CE RES, ADJ, CE	RAMIC (CARBON CARBON	4.7K 1K	

HC K

Ref.No. Part No.	Description		Remark	Ref.No.	Part No.	Description			Remark
RV1506 1-228-727-00 RV1510 1-228-720-00 RV1511 1-228-729-00	RES, ADJ, CERAMIC CARBON RES, ADJ, CERAMIC CARBON RES, ADJ, CERAMIC CARBON	1 1K		R986 R988 R989 R990	1-249-429-11 1-249-405-11 1-249-417-11 1-249-432-11	CARBON CARBON CARBON CARBON	10K 5% 100 5% 1K 5% 18K 5%	1/6W 1/6W 1/6W 1/6W	
SPA	RK GAP		R991	1-249-408-11	CARBON	180 5%	1/6W		
SG1501 1-519-063-XX	DISCHARGING GAP			R992 R993	1-249-427-11 1-249-418-11	CARBON CARBON	6.8K 5%	1/6W	
TRA	NSFORMER				1-249-420-11	CARBON	1.2K 5% 1.8K 5%	1/6W 1/6W	
T1501A 1-437-089-11 T1502 1-437-089-00 T1503A 1-439-356-11	TRANSFORMER, HORIZONTAL TRANSFORMER, HORIZONTAL			Byona					
T1513A.1-421-388-11	LOT			RV 983	1-237-349-11 1-237-712-11	RES, VAR, CA	RBON 10K		
THE	RMISTOR		RV 985	1-237-712-11 1-237-350-11	RES, VAR, CA	ARBON 10K ARBON 20K			
TH501 1-800-070-XX	THERMISTOR TH-4700			RV986	1-230-631-11	RES, ADJ, CA			
******	**********	*****	******	RV987	1-237-348-11	RES, VAR, CA	ARBON 5K		
*1-621-541-11	HD ROADD			*****	*****	******	******	******	*****
	******** TCH		*A-1380-192-A K BOARD, COMPLETE						
					4-309-378-00	WASHER			
\$996 1-570-145-11 \$997 1-570-145-11	SWITCH, SLIDE SWITCH, SLIDE	CAPACITOR							
******	*******	*****	******	C 201	1-123-379-00	ELECT	0.47MF	20%	50V
*A-1375-066-A	HC BOARD, COMP'ETE			C202 C203 C204 C205	1-124-042-91 1-123-332-00 1-123-332-00 1-108-850-11	ELECT ELECT ELECT	0.47MF 47MF 47MF 0.12MF	20% 20% 20% 10%	50V 16V 16V 50V
<u>C AP</u>	ACITOR	•		C206					
C982 1-130-023-00 C983 1-130-028-00 C984 1-108-837-00 C985 1-123-617-00 C986 1-123-356-00	FILM 0.0068MF MYLAR 0.01MF ELECT 10MF	5% 5% 10% 20%	50V 50V 50V 16V 25V	C207 C208 C209 C210		CERAMIC	0.0047MF 0.0047MF 0.12MF 4.7MF 4.7MF	10% 10% 10% 20% 20%	50V 50V 50V 25V 25V
DIO				C211 C212	1-123-369-00 1-123-369-00		4.7MF 4.7MF	20% 20%	25 V 25 V
	DIODE RD5.1ES-B2			C213	1-123-321-00	ELECT	220MF	20%	16V
	NEC TOR				1-124-555-00 1-123-973-00		1000MF 100MF	20% 20%	16V . 16V
	PIN, CONNECTOR 5P PIN, CONNECTOR 4P PIN, CONNECTOR 2P PIN, CONNECTOR 2P			C220 C221 C222 C223 C224	1-124-042-91 1-124-042-91 1-162-283-31 1-162-283-31 1-124-034-91	ELECT CERAMIC CERAMIC	0.47MF 0.47MF 120PF 120PF 33MF	20% 20% 10% 10% 20%	50 V 50 V 50 V 50 V 16 V
īc	•		ĺ	C225	1-123-332-00	-	47MF	20%	167
IC985 8-759-933-23	IC RA236		!	C227 C228	1-108-849-00	MYLAR .	0.1MF	10%	50 V
	ISTOR			C229 C230	1-123-379-00 1-124-042-91 1-162-283-31	ELECT ELECT CERAMIC	0.47MF 0.47MF 120PF	20% 20% 10%	50 V 50 V 50 V
R982 1-249-429-11 R983 1-249-417-11 R984 1-249-429-11 R985 1-249-417-11	CARBON 10K 5% CARBON 1K 5% CARBON 10K 5% CARBON 1K 5%	1/6W 1/6W 1/6W 1/6W		C232 C233 C235	1-162-283-31 1-124-034-91 1-123-332-00 1-108-849-00 1-124-471-00	MYLAR	120PF 33MF 47MF 0.1MF 1000MF	10% 20% 20% 10% 20%	50 V 16 V 16 V 50 V 6.3 V

The components identified by shading and mark A are critical for safety. Replace only with part number specified.



Ref.	lo. Part No.	Description			Remark	Ref.No.	Part No.	Description				Remark
C 237 C 238 C 239 C 240 C 241	3 1-102-074-00 1-101-006-00 1-101-006-00	CERAMIC CERAMIC CERAMIC	0.001MF 0.001MF 0.047MF 0.047MF 0.047MF	10% 10%	50V 50V 50V 50V 50V	R222 R223 R224 R225 R227	1-249-429-11 1-249-432-11 1-249-437-11 1-249-409-11 1-249-430-11	CARBON CARBON CARBON CARBON CARBON	10K 18K 47K 220 12K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
C 24: C 24: C 24: C 24: C 25	3 1-125-296-00 4 1-123-332-00 6 1-123-356-00	ELECT(BLOCK) ELECT ELECT ELECT ELECT	4700MF 4700MF 47MF 10MF 10MF	20% 20% 20%	35V 35V 16V 16V 25V	R228 R229 R230 R231 R232	1-249-390-11 1-249-429-11 1-249-432-11 1-249-437-11 1-249-409-11	CARBON CARBON CARBON CARBON CARBON	5.6 10K 18K 47K 220	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	F
C 25	2 1-123-875 - 91		10MF	20%	50V	R234 R235 R236 R237	1-249-430-11 1-249-390-11 1-249-429-11 1-249-429-11	CARBON CARBON CARBON	12K 5.6 10K 10K	5% 5% 5%	1/6W 1/6W 1/6W 1/6W	F
D20 D20 D20 D20	2 8-719-911-19 3 8-719-110-36 4 8-719-110-36	DIODE RD6.2E DIODE 1SS119 DIODE RD13ES DIODE RD13ES	-B2			R238 R239 R240 R241 R242	1-249-423-11 1-249-437-11 1-249-430-11 1-249-441-11 1-249-429-11	CARBON CARBON CARBON	3.3K 47K 12K 100K 10K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
IC 2 IC 2 IC 2		IC TA7630P IC UPC1188H IC UPC1188H				R243 R244 R245 R246	1-249-417-11 1-249-417-11 1-249-417-11 1-249-417-11	CARBON CARBON CARBON	1K 1K 1K 1K	5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
	<u>C 0</u>	NNECTOR			R252	1-249-419-11 1-249-423-11	CARBON	1.5K 3.3K		1/6W 1/6W		
K1 K2 K3 K4 K5	*1-566-057-11 *1-508-767-00 *1-566-056-11 *1-566-054-11 *1-508-765-00	5P PLUG PIN, CONNECT PIN, CONNECT	TOR 4P			i	*****	HA BOARD (KE)				*****
K 7	*1-566-054-11	PIN, CONNECT	TOR 2P				DI	ODE				
	со	IL	*			D905	8-719-911-19	DIODE 1SS119				
L20	1-408-424-00	MICRO INDUC	TOR 180UH			D906						
	TR	ANSISTOR				D909 	8-719-911-19					
Q 20 Q 20 Q 20 Q 20 Q 20	04 8-729-178-54 05 8-729-178-54 06 8-729-117-54	TRANSISTOR TRANSISTOR	2SC2785 2SC2785 2SA1175			D910 D911 D912 D913 D914	9-990-893-01 9-990-893-01 9-990-893-01	DIODE 1SS119 LED TLY263P LED TLY263P LED TLY263P LED TLY263P				
Q2	8-729-177-43	TRANSISTOR	2SD774			D915		LED TLY263P LED TLY263P				
	RE	SISTOR				D917	9-990-893-01	LED TLY263P LED TLY263P				
R 29 R 29 R 29 R 29	03 1-249-419-11 04 1-249-429-11	CARBON CARBON CARBON	100K 55 100K 55 1.5K 55 10K 55 12K 55	% 1/6W % .1/6W % 1/6W		D919 D920 D921 D922 D923	9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P LED TLY263P LED TLY263P LED TLY263P				
R2 R2 R2 R2 R2	07 1-249-419-11 08 1-249-419-11 11 1-249-420-11	. CARBON . CARBON . CARBON	12K 51 1.5K 51 1.5K 51 1.8K 51 68 51	% 1/6W % 1/6W % 1/6W		D924 D925 D926	9-990-893-01	LED TLY263P LED TLY263P LED TLY263P				

HA HB N

Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark							
D927 D928 D929 D930 D931		LED TLY263P LED TLY263P LED TLY263P					D952 D953 D954 D955 D956	9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P LED TLY263P											
	RES	ISTOR					D957	9-990-893-01 9-990-893-01												
R905 R906 R907		CARBON CARBON	100 220 100 220	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W		D959 D960 D961	9-990-893-01 9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P											
R 908 R 90 9	1-247-704-11 1-247-700-11	CARBON CARBON	100	5%	1/4W		D962	9-990-893-01 9-990-893-01												
R910 R911 R912 R913	1-247-704-11 1-247-700-11 1-247-704-11 1-247-700-11	CARBON CARBON CARBON CARBON	220 100 220 100	5% 5% 5%	1/4W 1/4W 1/4W 1/4W		D964 D965 D968	9-990-893-01 9-990-893-01 9-990-901-01	LED TLY263P LED TLY263P											
R914	1-247-704-11		220	5%	1/4W			RES	ISTOR											
R915 R916 R917 R918 R919	1-247-700-11 1-247-704-11 1-247-704-11 1-247-704-11 1-247-704-11	CARBON CARBON CARBON	100 220 220 220 220 220	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R940 R941 R942 R943 R944	1-247-703-11 1-247-700-11 1-247-704-11 1-247-700-11 1-247-704-11	CARBON CARBON CARBON	180 100 220 100 220	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W								
	SW1	TCH					R945 R946	1-247-700-11 1-247-700-11		100 100	5% 5%	1/4W 1/4W								
S905 S906 S907 S908	1-553-766-00 1-553-766-00	MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE	Y BOAR Y BOAR	D SWI	TCH) TCH)		R947 R948 R949	1-247-700-11 1-247-700-11 1-247-700-11	CARBON CARBON	100 100 100	5% 5% 5%	1/4W 1/4W 1/4W								
\$909	1-553-766-00	MT SWITCH (KE	SWITCH (KEY BOARD SWITCH)				MT SWITCH (KEY BOARD SWITCH			MT SWITCH (KEY BOARD				R950 R951	1-247-700-11 1-247-700-11		100 100	5% 5%	1/4W 1/4W	
S910 S911 S912 S913 S914	1-553-766-00 1-553-766-00 1-553-766-00	MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE	TT SWITCH (KEY BOARD SWITCH) TT SWITCH (KEY BOARD SWITCH) TT SWITCH (KEY BOARD SWITCH) TT SWITCH (KEY BOARD SWITCH)					CH (KEN BUVOD OMITCH)				 S940 S941		TCH MT SWITCH (KE MT SWITCH (KE			ITCH)			
S 91 5	1-553-766-00	MT SWITCH (KE	Y BOAR	D SWI	TCH)		\$942 \$943	1-553-766-00		Y BOAF	RD SWI	TCH)								
****	*****			****	*****	*****		1-553-766-00	,											
*9-992-243-01 HB BOARD (KEY BOARD UNIT B)							S945 S946 S947 S948		MT SWITCH (KE	Y BOAF	RD SWI	TCH)								
	DIO	DDE					S949		MT SWITCH (KE	Y BOAF	RD SWI	TCH)								
D940 D941 D942 D943 D944	8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119	p. T				******* 		N BOARD (KEY				*****							
D945		DIODE 1SS119					İ	IC												
D946 D947 D948 D949	8-719-911-19 8-719-911-19 9-990-901-01	DIODE 1SS119 DIODE 1SS119 LED TLS263P LED TLS263P					IC935	8-741-138-70	IC BX1387 (DE	TECTO	₹)									
D950 D951		LED TLY263P LED TLY263P																		

ACCESSORIES AND PACKING MATERIALS

Part No.	Description
A-1470-789-A *4-371-192-01 *4-380-432-01 *4-382-051-01 *4-382-053-01	COMMANDER ASSY (RM-668) CUSHION (FRONT) BAG, PROTECTION CUSHION ('LOWER) (ASSY) CUSHION (UPPER) (ASSY)
4-385-601-01 4-482-400-11	INDIVIDUAL CARTON MANUAL, INSTRUCTION

The components identified by shading and mark A are critical for safety. Replace only with part number specified.

Remark

PMF2/300M BMF558

SERVICE MANUAL

AEP Model

Chassis No. SCC-A91A-A

Serial No 2,000,100 and later

Australian Model

Chassis No. SCC-B04A-A

Serial No 2,000,601 and later

West Germany Model

Chassis No. SCC-B05A-A

Serial No 2,000,301 and later

No. 1

SUPPLEMENT

SUBJECT: CIRCUIT MODIFICATION

File this supplement with the service manual.

INTRODUCTIONS

- 1. B, FA, FC, QB and K board have been added.
- 2. B, QA, QB, D₂ and D board have been modified.



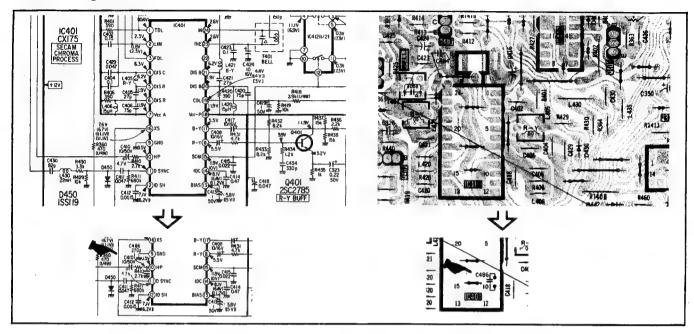
MON

PVM-2730QM RM-668

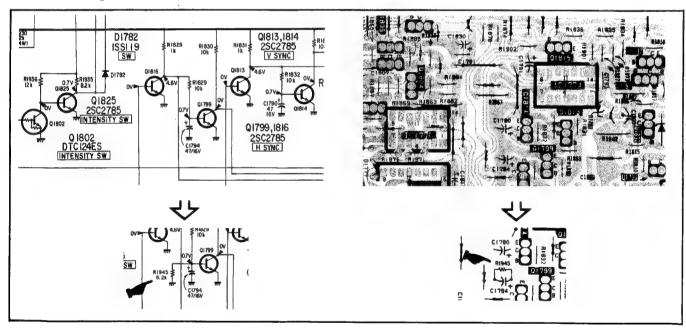
SCHEMATIC DIAGRAM AND PRINTED WIRING BOARDS.

: Added

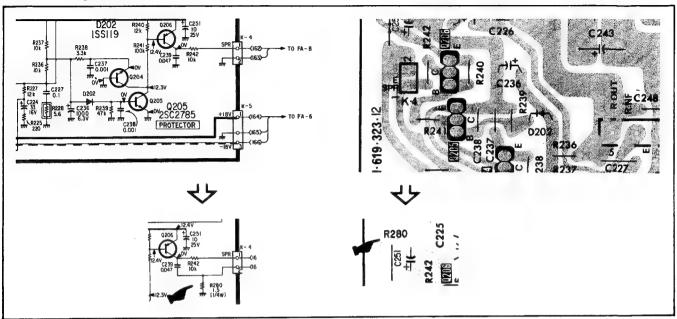
B board (Page 43)



QB board (Page 37)



K board (Page 36)



SCHEMATIC DIAGRAMS

: Modified

Board	Page	Ref	Description
В	4 4	R310	CARBON 5.6 K 1/4W→22K 1/4W
QA	3 5	R1738	CARBON 1K 1/6W→220 1/4W
D 2	5 5	R 2525	CARBON 5.6 K 1/6W→1K 1/4W
D	5 2 5 2	C1505 R1513	MYLAR 0.002 MF 100 V \rightarrow 0. 01 FM 100 V CARBON 3.3 K 1/6 W \rightarrow 4. 7 K 1/4 W
QB	3 7	C1823 C1824 C1825	

:Delete

Q.A	3 5	C1733 C1734 C1737 C1739 C1740 C1741	CERAMIC CERAMIC CERAMIC CERAMIC	56PF 5% 50V 0.001 MF 50V
-----	-----	--	--	-----------------------------

PVM-2730QM

RM-668

ELECTRICAL PARTS LIST

: Modified

B BOARD

C486 1-102-980-91 CERAMIC 270 PF R310 1-249-462-11 CARBON 22K 5%	
---	--

FA BOARD

-				***				
	R679	1-215-924-51	METAL	OXIDE	15K	5 %	3 W	F

FC BOARD

1 OOLO 1 100 014 01 O DICITALI O OLOOT MIL 1 0 / 0 0 0	C615	1-102-074-91	CERAMIC	0.001 MF	10% 50V
--	------	--------------	---------	----------	---------

QA BOARD

ſ					
	R1738	1-249-409-11	CARBON	220	5 % 1 / 4 W
- 1	1				

QB BOARD

C1824 1-136-165-51 FILM 0.1 MF 5% 5 0 V C1825 1-136-165-51 FILM 0.1 MF 5% 5 0 V	C1824		FILM	0.1 MF	5 %	5 0 V	
--	-------	--	------	--------	-----	-------	--

D₂ BOARD

R 2525 1-249-417-11	CARBON	1 K	5 %	1 / 4 W

D BOARD

		MYLAR 0.01MF 10% 100V CARBON 4.7 K 5% 1/4W
--	--	---

K BOARD

R280	1-249-449-11	CARBON	1.5	5 %	1/4W	

PVM-2730QM

SONY. SERVICE MANUAL

AEP Model

Chassis No. SCC-A91A-A

Serial No 2,000,100 and later

Australian Model

Chassis No. SCC-B04A-A

Serial No 2,000,601 and later

West Germany Model

Chassis No. SCC-80

Chassis No. SCC-B05A-A
Serial No 2,000,301 and later

SUPPLEMENT-2

SUBJECT: CIRCUIT MODIFICATION

File this supplement with the service manual.

INTRODUCTION

1. D board have been added.

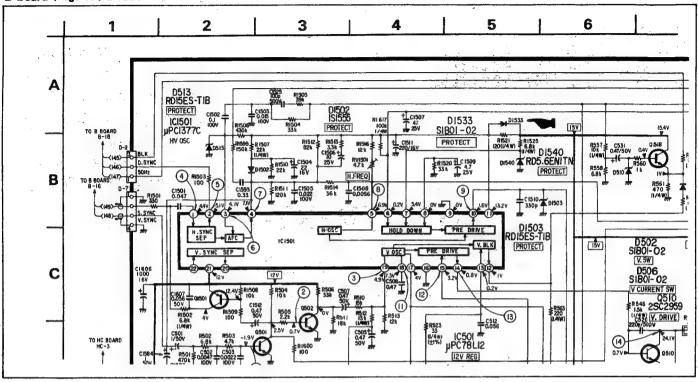


SECTION 5 DIAGRAMS

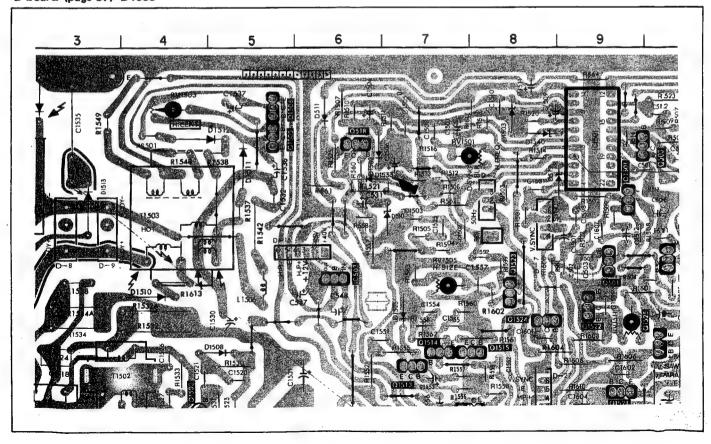
5-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

:added part

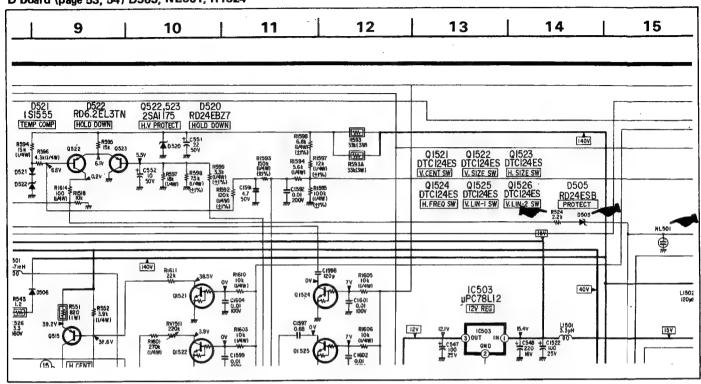
D board (Page 52) D1533

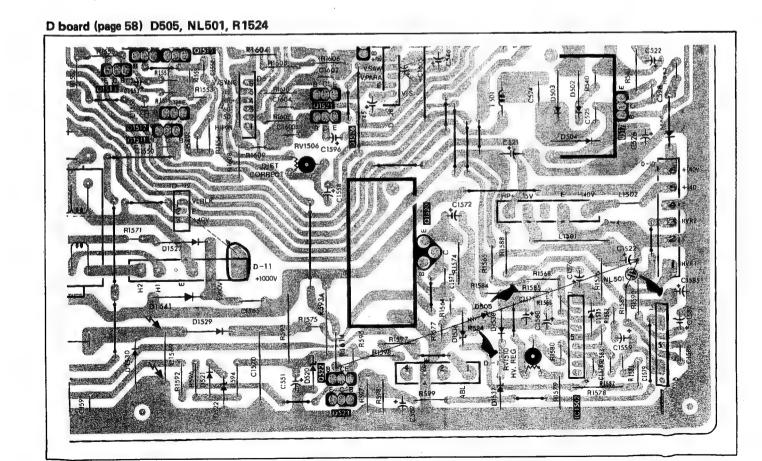


D board (page 57) D1533



D board (page 53, 54) D505, NL501, R1524





SECTION 7 ELECTRICAL PARTS LIST

Page	Board	Ref.No.	Part No.	Description
87	D	D505	8-719-110-60	DIODE RD24ESB
87		D1533	8-719-200-02	DIODE 10E-2
87		NL501	1-151-108-XX	LAMP, NEON
89		R1524	1-247-717-11	CARBON 2.2K 5% 1/4W

SONY **SERVICE MANUAL**

AEP Model

Serial No. 2,012,151 and later Chassis No. SCC-A91A-A

Australian Model

Serial No. 2,001,921 and later Chassis No. SCC-B04A-A

West Germany Model Serial No. 2,004,151 and later

Chassis No. SCC-B05A-A

SUPPLEMENT-3

File this Supplement with the Service Manual,

SPECIFICATIONS

Color system

PAL, SECAM, NTSC and NTSC443 systems,

switched automatically

Picture tube

Trinitron tube Approx. 67.7 cm (27 inches)

(63.5 cm picture measured diagonally)

114-degree deflection, AG pitch 0.73 mm

Resolution

Video input: 420 TV lines S video input: 560 TV lines RGB inputs: 640 × 200 dots

(2000 characters)

Color temperature

9300°K

Frequency response

10 MHz (-3 dB, RGB)

5 MHz (-3 dB, composite video)

6 MHz (-3 dB, S video)

Horizontal linearity

Less than ±5%

Vertical linearity

Less than ±5% Horizontal: +500 Hz

Line pull range

Vertical: -8 Hz

Overscan of the picture

Less than +7%

LINE A/B, VTR inputs

S VIDEO:

4-pin, mini-DIN

Y (luminance signal); 1 Vp-p, sync negative,

75-ohm termination switchable

C (chrominance signal);

300 m Vp-p (burst signal), 75-ohms

VIDEO IN:

LINE A/B: BNC connector

Composite video, 1 Vp-p ±6 dB, sync

negative, 75-ohm termination

switchable

VTR: 8-pin connector

Composite video, 1 Vp-p ±6 dB, sync

negative, 75-ohm terminated

AUDIO IN:

LINE A/B: Phono iack

-5 dBs, more than 47 kilohms

VTR: 8-pin connector, -5 dBs, more than

47 kilohms

LINE A/B outputs (loop-through outputs)

S VIDEO: 4-pin, mini-DIN VIDEO: BNC connector

AUDIO: Phono jack

Digital RGB inputs RGB: D-sub 9-pin connector

(See "Signal assignment".)

AUDIO: Phono jack

-5 dBs, more than 47 kilohms

21-pin connector AV connector

(See "Signal assignment".)

Speaker terminals 8 ohms

Control S input/output

Minijack, 5 Vp-p

Power output

15 W + 15 W at 8 ohms

Power requirements

220 - 240 V AC, 50/60 Hz

Power consumption

Approx. 653 × 508 × 492 mm (w/h/d) **Dimensions**

incl. projecting parts and controls

Weight

Approx. 52 kg

Supplied accessory

Remote commander RM-668, with 2 R6 batteries...... 1

Optional accessories

TV stand

Speaker system SS-X6A, APM-X5A

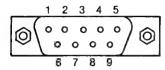
SU-539, SU-541

- Continued on page 2 -



SIGNAL ASSIGNMENT

DIGITAL RGB connector (D-sub 9-pin)



S VIDEO connector (4-pin mini DIN)



AV connector (21-pin)

Digital signal (TTL level)

Pin No.	Signal assignment
1	Ground
2	Ground
3	Red input
4	Green input
5	Blue input
6	Intensity input
7	No connection
8	H. sync input (positive/negative)
9	V. sync input (positive/negative)

	20	18	16	14	12	10	8	6	4	2	
1	0	0	0	0	0	0	0	0	0	0	
Ä	•	0) (0	0 (0	၀ ို	0 0	0	0 (2
2	1 19	9 1	7 1	5 1	3 1	11	9	7	5	3	-

Pin No.	Signal	Signal level			
1	Audio output B (right)	Standard level: 0.5 Vrms Output impedance: Less than 1 k ohm *			
2	Audio input B (right)	Standard level: 0.5 Vrms Input impedance: More than 10 k ohms *			
3	Audio output A (left)	Standard level: 0.5 Vrms Output impedance: Less than 1 k ohm*			
4	Ground (audio)				
5	Ground (blue)				
6	Audio input A (left)	Standard level: 0.5 Vrms Input impedance: More than 10 k ohms *			
7	Blue input	0.7 V ±3 dB, 75 ohms, positive			
8	Function select (AV control)	High state (9.5 - 12 V): Peri mode Low state (0 - 2 V): TV mode Input impedance: More than 10 k ohms Input capacitance: Less than 2 nF			

Pin No.	Signal	Signal level			
9	Ground (green)				
10	Open				
11	Green input	(Same as Pin 7)			
12	Open				
13	Ground (red)				
14	Ground (blanking)				
15	Red input	(Same as Pin 7)			
16	Blanking input	High state (1 - 3 V) Low state (0 - 0.4 V) Input impedance: 75 ohms			
17	Ground (video output)				
18	Ground (video input)				
19	Video output	1 V \pm 3 dB, 75 ohms, positive Sync: 0.3 V (\pm 3 dB)			
20	Video input	1 V \pm 3 dB, 75 ohms, positive Sync: 0.3 V (\pm 3 dB)			
21	Common ground (plug, shield)				

^{*} at 20 Hz - 20 kHz

Design and specifications subject to change without not ice.

TROUBLESHOOTING

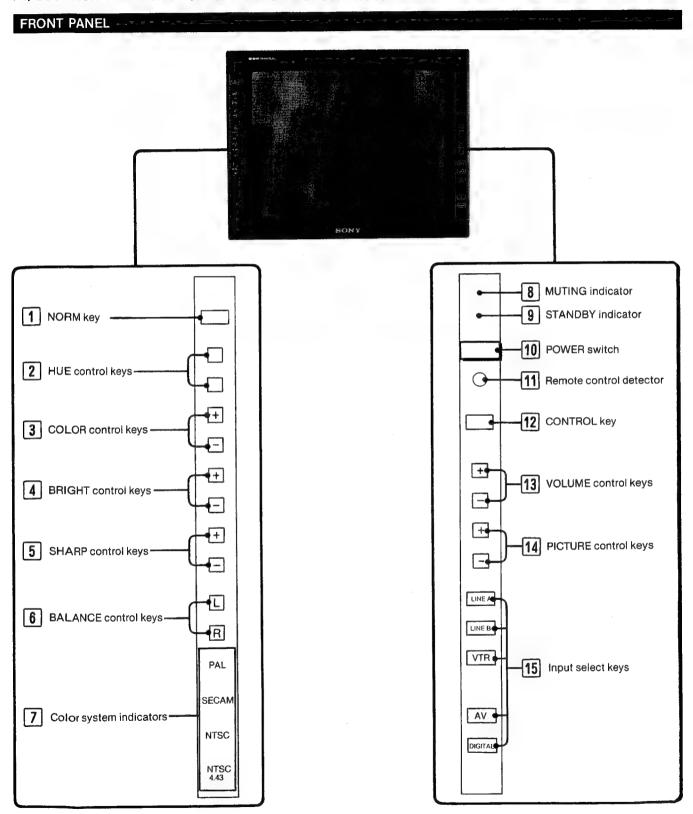
If these symptoms occur when you begin operation, follow the suggestions below.

SYMPTOMS	CORRECTIONS
No controllable keys although the POWER switch is turned on.	Press the CONTROL key.
No indication appears although the CONTROL key is pressed.	• Set the MANUAL CONTROL switch on the rear panel to ON.
Remote control is not possible.	• Set the REMOTE CONTROL switch on the rear panel to ON.

If the problem still cannot be solved, contract your authorized Sony dealer.

SECTION 1 GENERAL

1-1, LOCATION AND FUNCTION OF PATRS AND CONTROLS



• Press CONTROL key after power is turned on to illuminate the control keys or indicators.

The following control keys are effective only when MANUAL CONTROL switch on the rear panel is set to ON.

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7. EL	ECTRICAL PARTS LIST

SAFETY-RELATED COMPONENT WARNING!

COMPONENTS IDENTIFIED BY SHADING AND MARK

ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

1 NORM (normal) key

Press this key to return to the standard setting.

• This key is effective only for the control keys on the left.

2 HUE control keys

Press the GRN (green) key to make the skin tones greenish or the PUR (purple) key to make it purplish.

 These control keys are effective for the NTSC and NTSC₄₄₃ color systems only.

3 COLOR control keys

Press the + key to make the color intensity vivid or the - key to make it pale.

4 BRIGHT (brightness) control keys

Press the + key to make the picture brighter or the - key to make it darker.

5 SHARP (sharpness) control keys

Press the + key to obtain a sharp picture or the - key to obtain a soft picture.

6 BALANCE control keys

Press the L key to increase the sound volume of the left speaker or the R key to increase the sound volume of the right speaker.

[7] Color system indicators PAL, SECAM, NTSC, NTSC_{4.43}

The color system of the input signal is automatically selected and the corresponding indicator illuminates. When the input signal is monochrome, no color system indicator illuminates.

[8] MUTING indicator

Illuminates while the sound is muted.

• Muting is controlled only by the Remote Commander.

9 STANDBY indicator

Illuminates when the power is turned off by the Remote Commander.

10 POWER switch

Press this switch to turn the monitor on. Press this switch again to turn it off.

• When the monitor is turned on, the settings of the monitor are the same as when it was last turned off.

 For a few seconds after turning on the monitor the color of picture may vary because the white balance is adjusted at this time. This is not a problem.

11 Remote control detector

The beam from the Remote Commander is received here.

12 CONTROL key

Press this key to illuminate the keys and indicators on the front panel.

Press this key again to extinguish them.

13 VOLUME control keys

Press the + key to raise the volume or the - key to lower it.

14 PICTURE control keys

Press the + key to make the contrast, color intensity and brightness stronger or the - key to make them weaker.

15 input select keys

LINE A, LINE B, VTR, AV, DIGITAL

Select the input source connected to the LINE A, LINE B, VTR, AV or DIGITAL RGB connector.

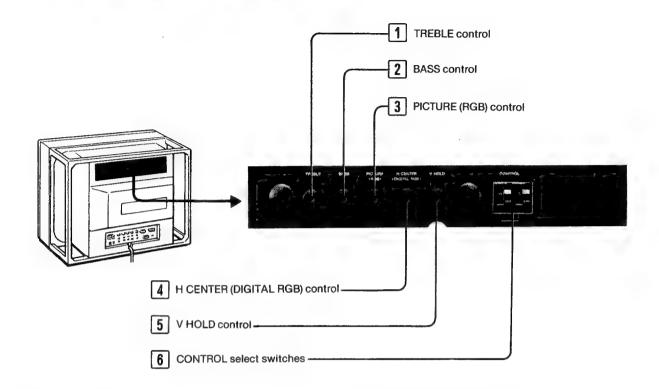
When a key is pressed:

- it blinks if the other indicators and keys on the front panel illuminate.
- it illuminates if they are extinguished.

Key illumination

For the keys 11 through 7, 13 and 14:

- While each key is pressed, it blinks, indicating that adjustment is going on.
- During adjustment, if the adjustment value reaches the limit, the blinking speed becomes slower.



1 TREBLE control

Turn clockwise for more treble (high tone), or counterclockwise for less.

2 BASS control

Turn clockwise for more bass (low tone), or counterclockwise for less.

3 PICTURE (RGB) control

Adjust the contrast of the RGB signals connected to the AV connector or the DIGITAL RGB connector.

4 H CENTER (DIGITAL RGB) (horizontal centering) control

When the picture of DIGITAL RGB input is decentered horizontally, correct it with this control.

5 V HOLD (vertical hold) control

When the picture rolls vertically, correct it with this control.

6 CONTROL select switches

Normally set to ON.

REMOTE CONTROL switch

Set this switch to ON to control the monitor with a Remote Commander.

If this switch is set to OFF, the remote control is not possible.

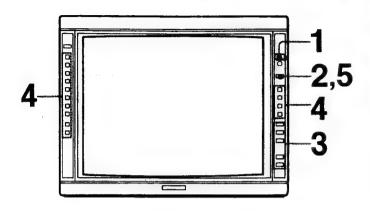
MANUAL CONTROL switch

Set this switch to ON to control the monitor manually. To make the manual control of the control keys or switches on the front panel impossible, extinguish the indicators by pressing the CONTROL key on the front panel and set this switch to OFF.

(However remote control is possible if the REMOTE CONTROL switch is set to ON.)

1-2. OPERATION

DISPLAYING THE PICTURE



- 1 Depress the POWER switch. One of the input select keys illuminates.
- 2 Press the CONTROL key. The selected input select key blinks and all control keys on the front illuminate. (If the control keys do not appear, set the MANUAL CONTROL switch on the rear to ON.)
- 3 Press the desired input select key. The pressed key blinks and the picture from the selected input is displayed on the screen and the sound is heard through the speakers. (For selecting the AV or DIGITAL input, see "Notes on
- input selection".)

 4 Adjust the picture and sound.
- 5 Press the CONTROL key to extinguish the control keys so that only the selected input select key illuminates.

SUPERIMPOSING

To superimpose the data from the microcomputer connected to the AV connector over the picture, proceed as follows. (The data should be processed for superimposition on the microcomputer.)

- 1 Set the SUPERIMPOSE switch to ON.
- 2 Press the LINE A, LINE B or VTR input select key to display the picture on which the data is to be superimposed on the monitor screen.
- 3 Press the AV input select key.
 The data is superimposed over the picture.
- **4** Adjust the contrast of the superimposed data with the PICTURE (RGB) control.

Note

The data cannot be superimposed over the picture input from S VIDEO IN connector.

NOTES ON INPUT SELECTION

AV input and SUPERIMPOSE switch

Set the SUPERIMPOSE switch on the rear as follows, according to the signal supplied to the AV connector.

SUPERIMPOSE switch	Signal to be displayed
ON	To display the composite video signal from an 8 mm video cassette recorder, etc. To perform superimposition. (See "SUPERIMPOSING".)
OFF	To display the analog RGB signal from a microcomputer, etc. In this case, the sync signal should be supplied to pin 20 of the AV connector.

- When the AV input select key is pressed with the SUPERIMPOSE switch ON, the previously selected LINE A, LINE B or VTR input select key blinks together with the AV key.
- When it is pressed with the SUPERIMPOSE switch OFF, only the AV key blinks.

AV input and AV switch

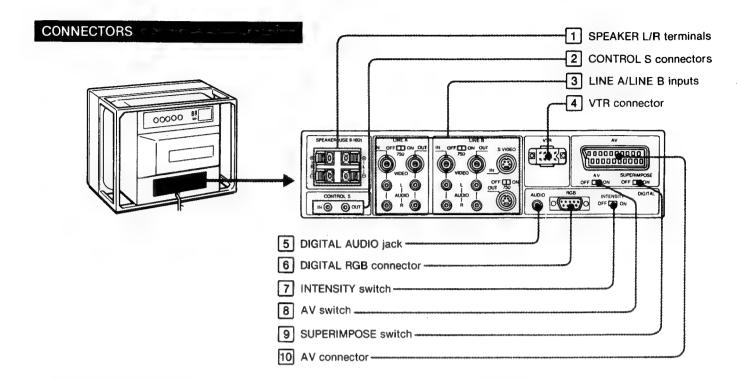
When the AV switch on the rear is set to ON, the monitor is automatically switched from the LINE A, LINE B or VTR input to the AV input if a signal is input to the AV connector. Set the AV switch to OFF to select the AV input manually by pressing the AV input select key.

DIGITAL input

- To display the digital RGB signal from a microcomputer provided with intensity output in 16 colors, set the INTENSITY switch on the rear to ON.
- If necessary, center the picture from the DIGITAL RGB connector with the H CENTER control on the rear panel.

Note

The COLOR, HUE and SHARP control keys do not function when the DIGITAL input is selected or the AV input is selected with the SUPERIMPOSE switch OFF.



1 SPEAKER L/R terminals

Connect to speakers with 8 to 16 ohm impedance.

2 CONTROL S IN/OUT connectors

Connect to the CONTROL S connectors of a VTR or another monitor.

It is then possible to control the whole system with a single Remote Commander.

3 LINE A/LINE B inputs

S VIDEO IN connector (4-pin, mini-DIN)* VIDEO IN connector (BNC type) AUDIO L/R IN jacks (phono jack)

Connect to the video and audio outputs of a VTR or a camera.

S VIDEO OUT connector (4-pin, mini-DIN)* VIDEO OUT connector (BNC type) AUDIO L/R OUT jacks (phono jack)

Loop-through outputs of the IN connector and jacks.

Connect to the video and audio inputs of another monitor.

*For LINE B only.

75-ohm termination switch

When only the VIDEO IN connector is used (nothing is connected to the VIDEO OUT connector), set this switch to ON.

When both connectors are used together for a loopthrough connection, set this switch to OFF.

Note

The VIDEO IN connector is disconnected automatically when a cable is connected to the S VIDEO IN connector.

4 VTR connector (8-pin)

Connect to a VTR with an 8-pin TV connector.

5 DIGITAL AUDIO jack (phono jack)

Connect to the audio output of an audio source to listen to the sound from the connected audio source while viewing the picture from the DIGITAL RGB connector.

6 DIGITAL RGB connector (9-pin, D-sub)

Connect to the digital RGB output of a microcomputer.

7 INTENSITY switch

Normally set to OFF. When a microcomputer provided with intensity output is connected, set to ON for 16-color display.

8 AV switch

Set to ON so that the monitor is automatically switched to the AV input when a signal is input from the AV connector, taking priority over the LINE A, LINE B or VTR input previously selected by the input select keys on the front panel. Set to OFF to select the AV input manually by pressing the AV input select key.

9 SUPERIMPOSE switch

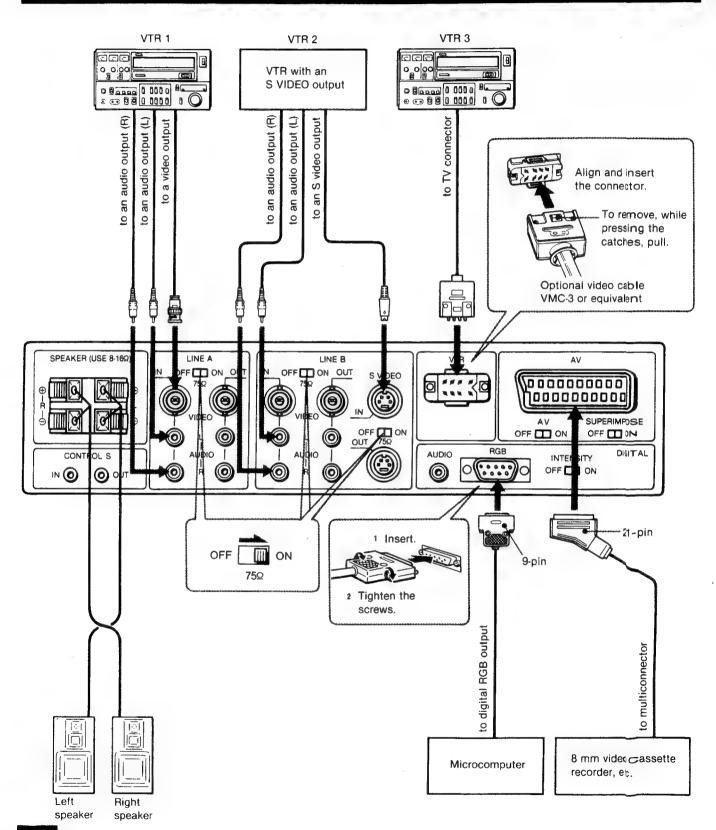
Normally set to ON.

Set to OFF to display the analog RGB signal from the microcomputer connected to the AV connector.

10 AV connector (21-pin)

Connect to the 21-pin multiconnector of an 8 mm video cassette recorder or the analog RGB multioutput connector of a microcomputer.

CONNECTION DIAGRAM

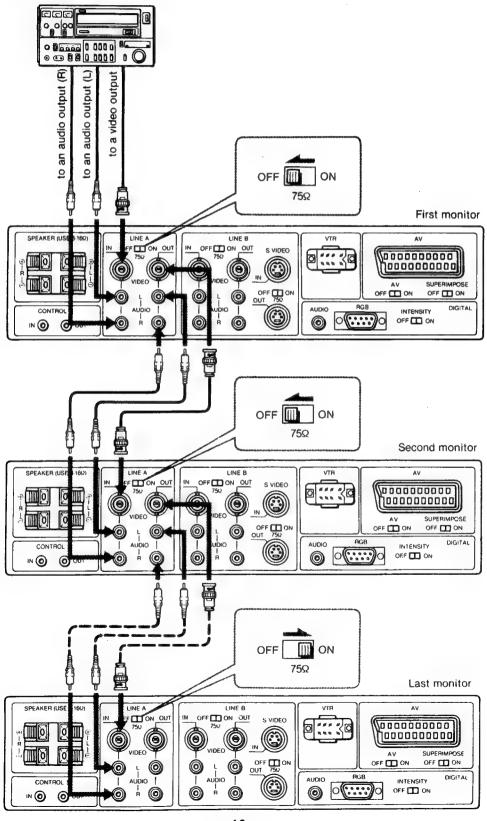


Note

- When a microcomputer has an analog RGB output connector, connect it to the AV connector.
- When a microcomputer has only a composite video output connector, connect it to the LINE A or LINE B V→EO IN connector.

CONNECTING SEVERAL MONITORS

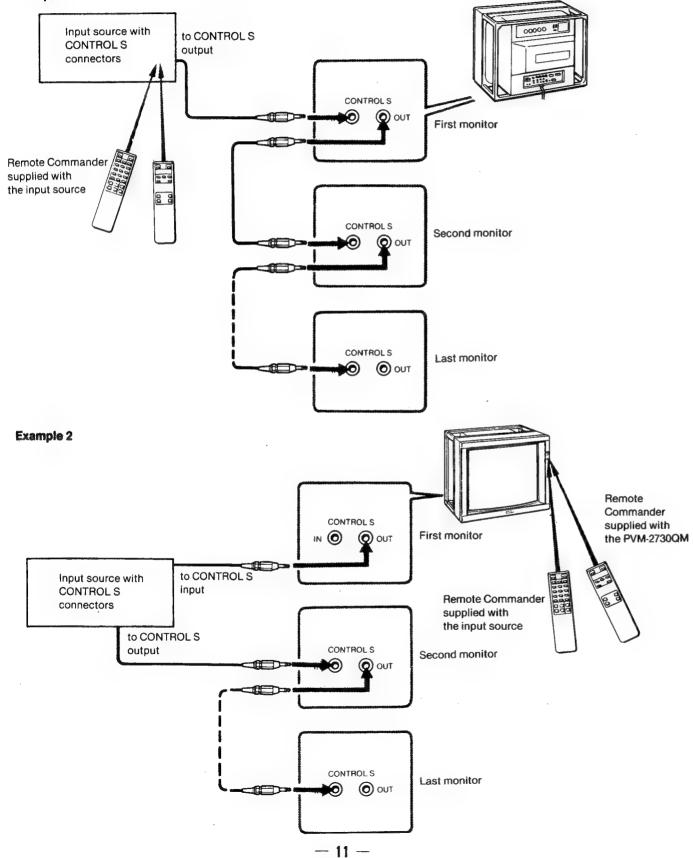
A loop-through connection is convenient for monitoring the same signal on the monitors. Up to 10 monitors can be connected. It is recommended to use a signal distributor when several monitors are connected.



CONTROL S CONNECTION

The following connections allow remote control of several monitors and a VTR through a single monitor.

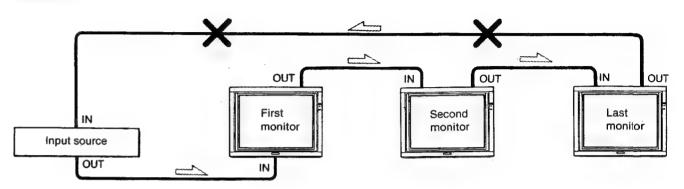
Example 1



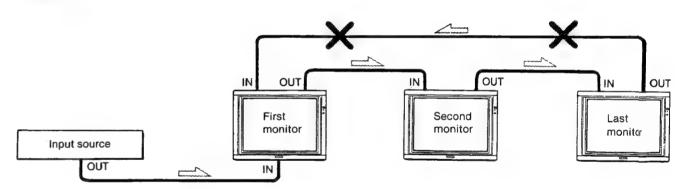
Note

Do not use the following loop connections.

Example 1



Example 2



CONTROL S signal flow

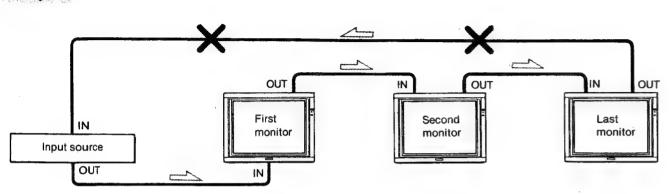
5-1. CIRCUIT E

SECTION 4 CIRCUIT ADJUSTMENTS

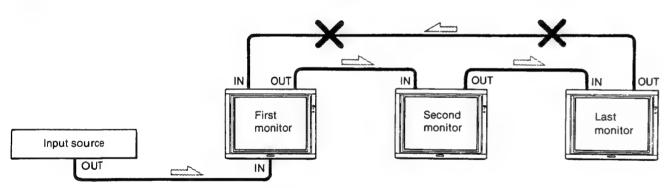
Note

Do not use the following loop connections.

Example 1



Example 2

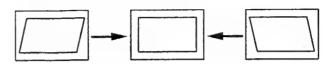


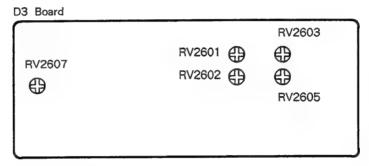
CONTROL S signal flow

V · ANGLE ADJUSTMENT (RV2607)

Adjust V · ANGLE with RV2607

4-1. D3 BOARD ADJUSTMENTS





RV2601 (TOP PIN) RV2602 (BOTTOM PIN) RV2603 (PIN PHASE 50) RV2605 (PIN AMP 50) RV2607 (V • ANGLE)

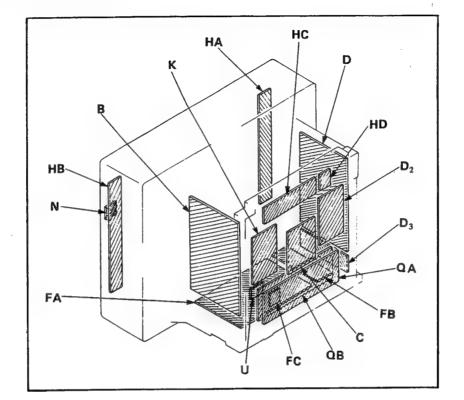
(Component side)

PVM-2730QM RM-668 PVM-2730QM RM-668

SECTION 4 CUIT ADJUSTMENTS

SECTION 5 DIAGRAMS

5-1. CIRCUIT BOARDS LOCATION





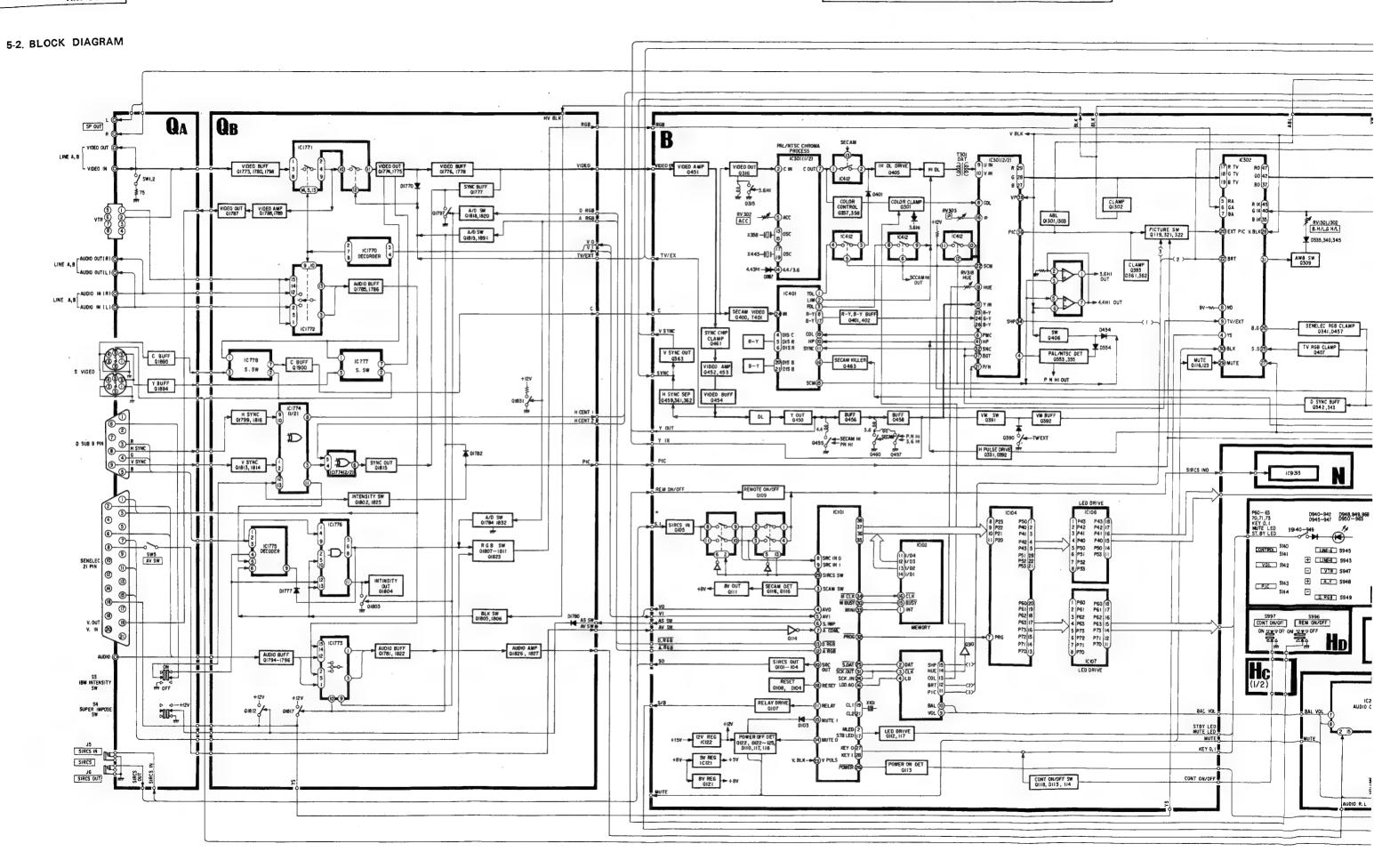
RV2603

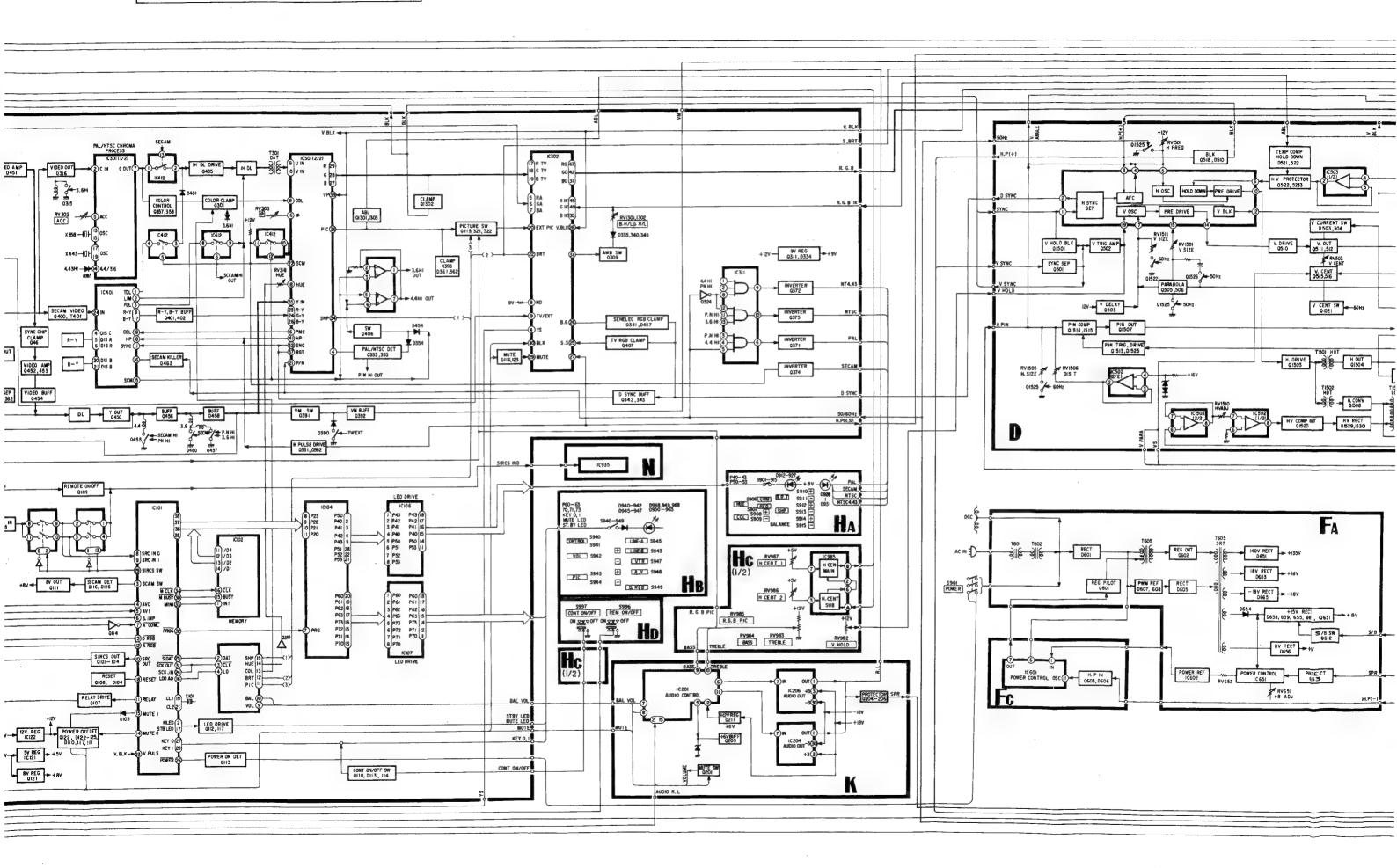


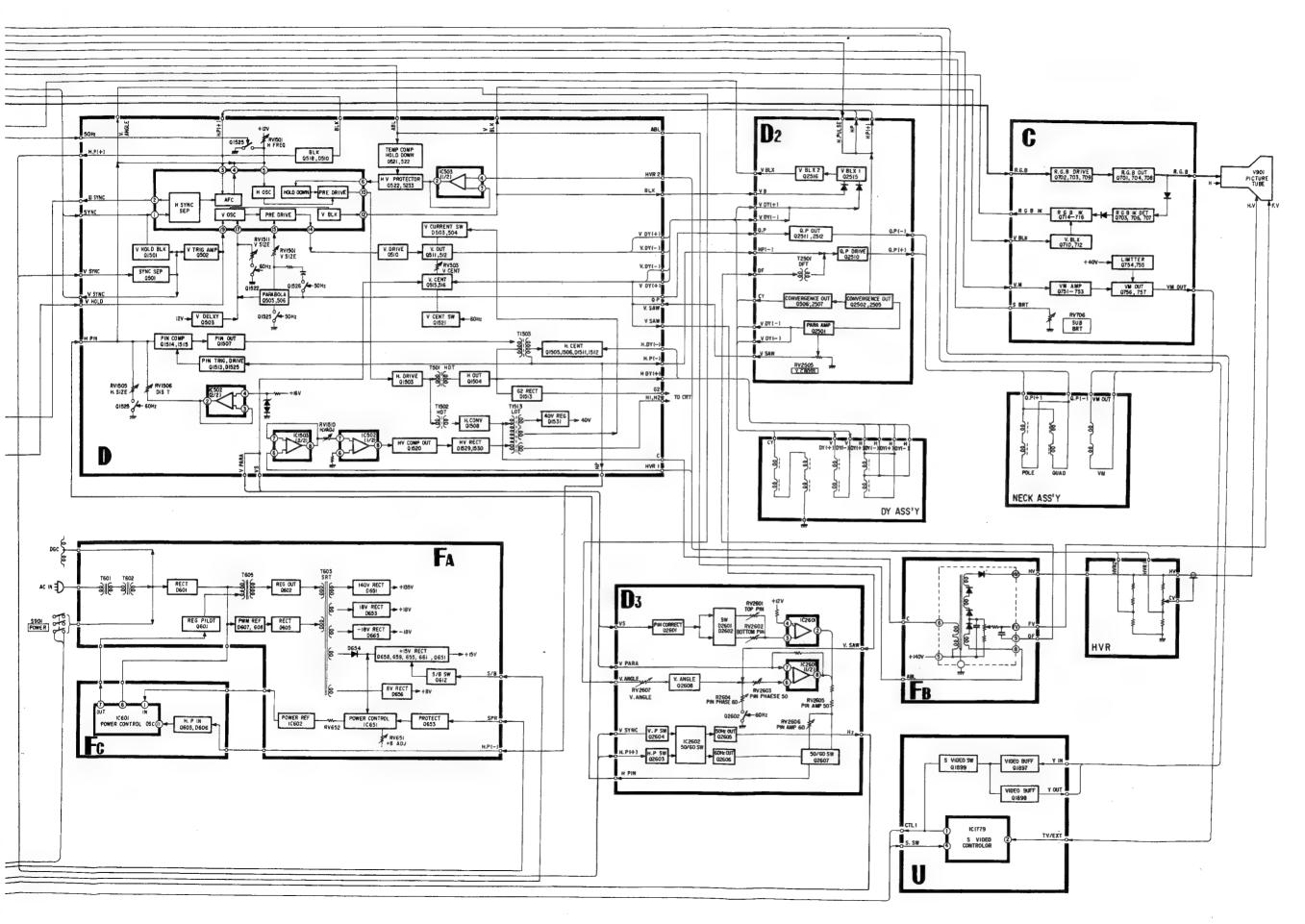
RV2605

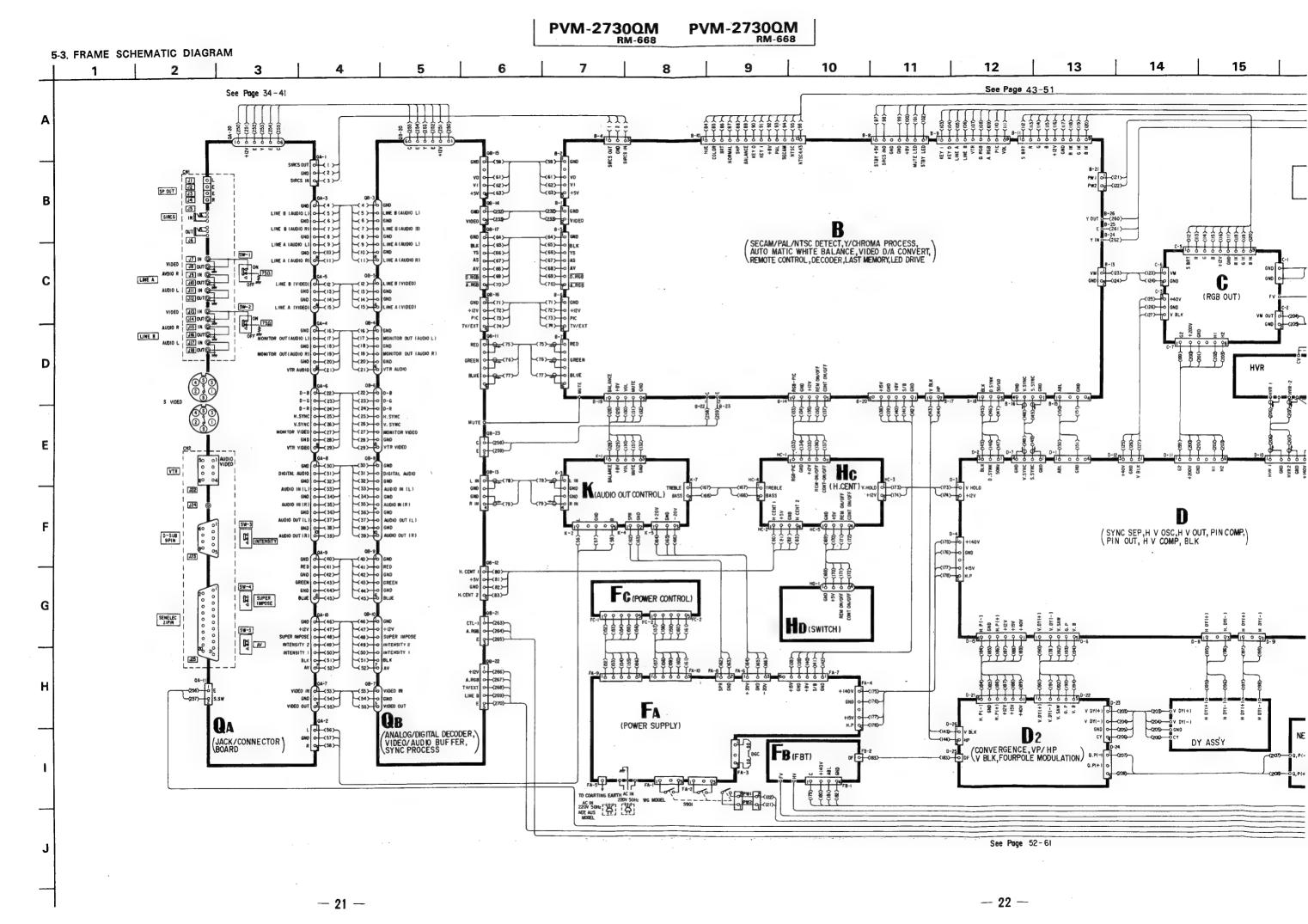
RV2601 (TOP PIN) RV2602 (BOTTOM PIN) RV2603 (PIN PHASE 50) RV2605 (PIN AMP 50) RV2607 (V•ANGLE)

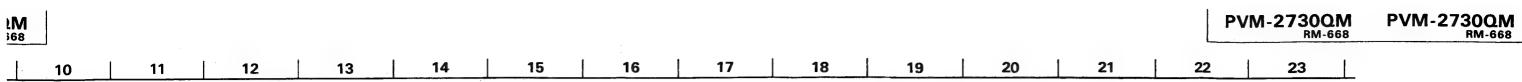
SONY-05469 / Druck 31

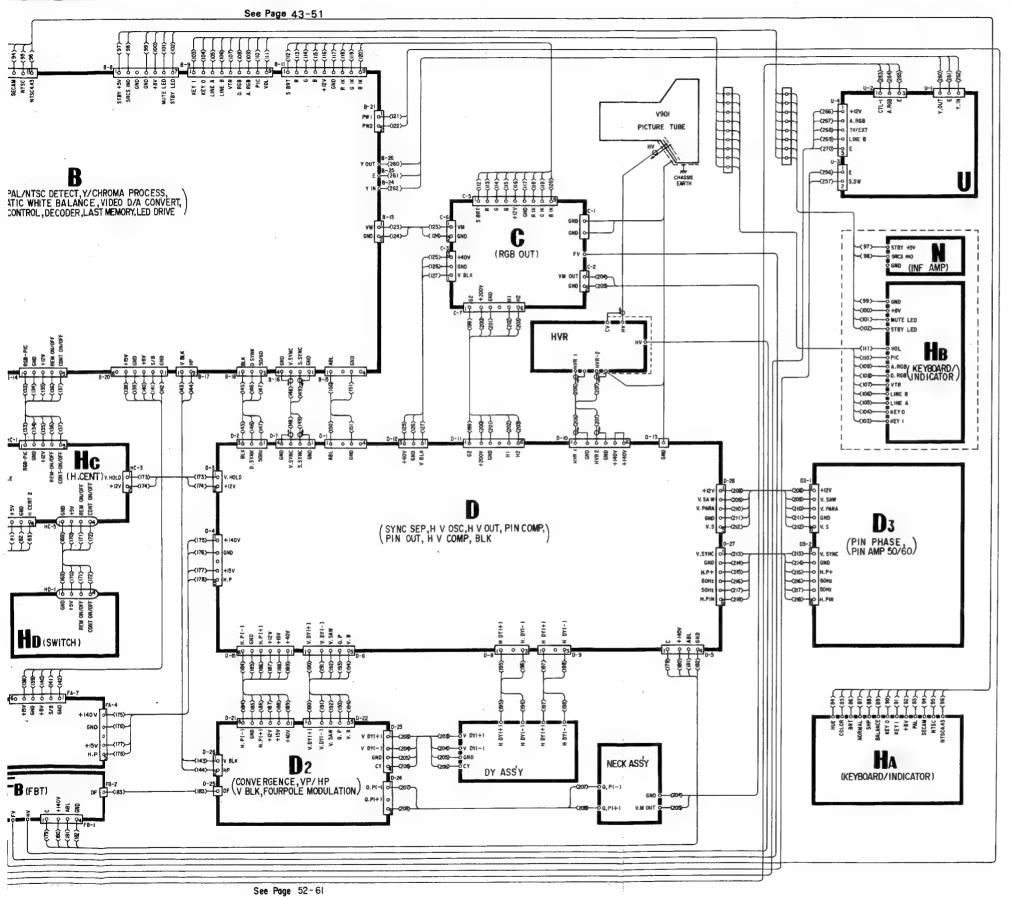












PVM-2730QM PVM-2730QM RM-668

23

PVM-2730QM RM-668

HB
(KEYBOARD/)
(INDICATOR) ₅₀) ICATOR)

20

21

22

Note: • All resistors are in ohms, 1/6W unless otherwise noted. $k\Omega$: 1000 Ω , $M\Omega$: 1000 $k\Omega$.

 All capacitors are in μF unless otherwise noted. pF: μμF. 50WV or less are not indicated except for electrolytics.

• All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

: nonflammable resistor.

: fusible resistor. • •

: panel designation.

: internal component.

Voltages are dc with respect to ground unless otherwise noted.

Readings are taken with a color-bar signal input.

• Readings are taken with a digital multimeter (DC10M Ω).

• Voltage variations may be noted due to normal production tolerances.

adjustment for repair.

Circled numbers refer to waveforms.

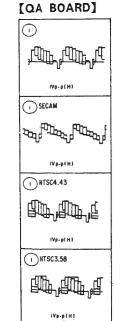
• no mark: with PAL color-ber signal input.

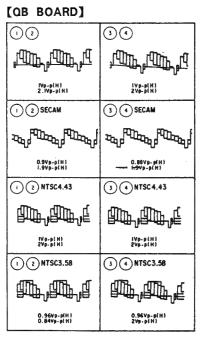
): with SECAM color-ber signal input.

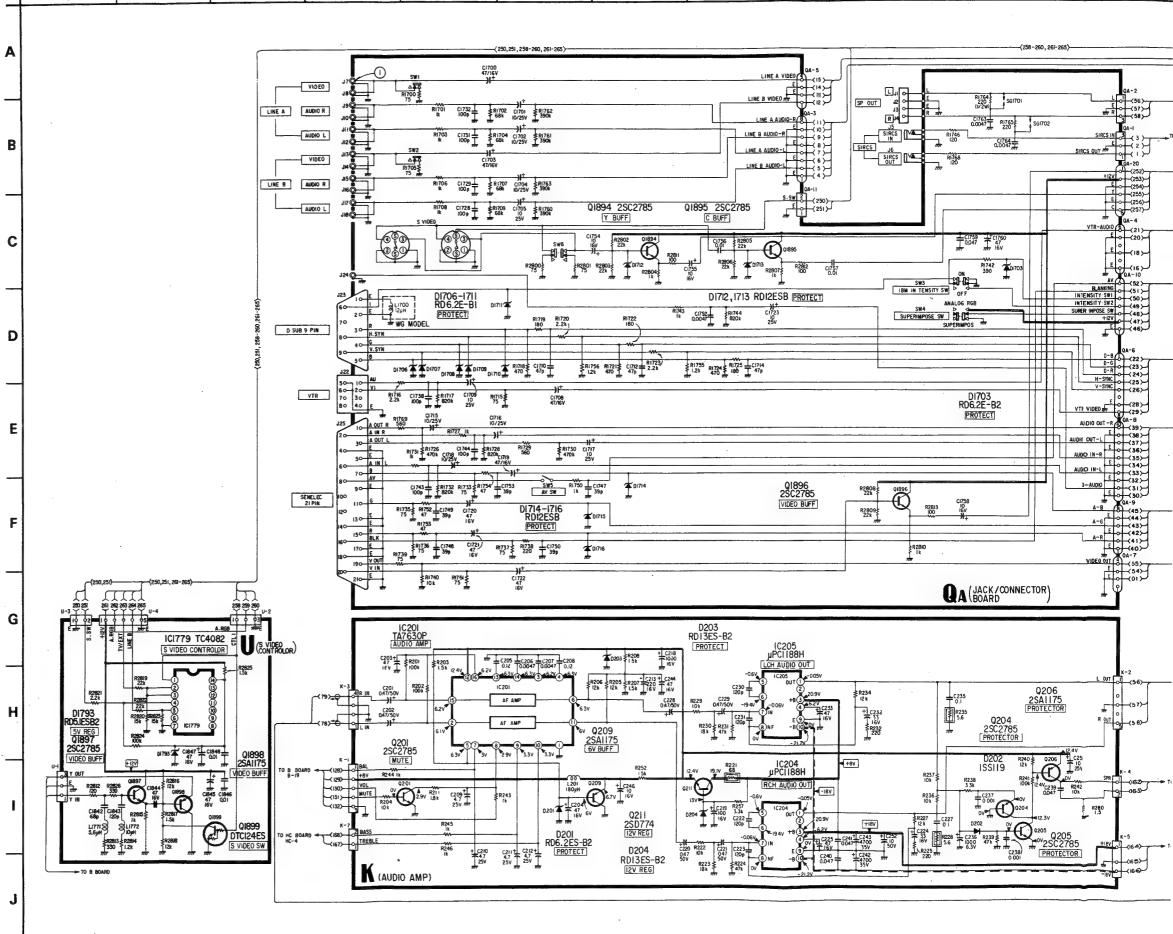
)) : with NTSC 3.58MHz color-ber signal input.

] : with NTSC 4.43MHz color-ber signal input.

: Selected to yield optimum performance.

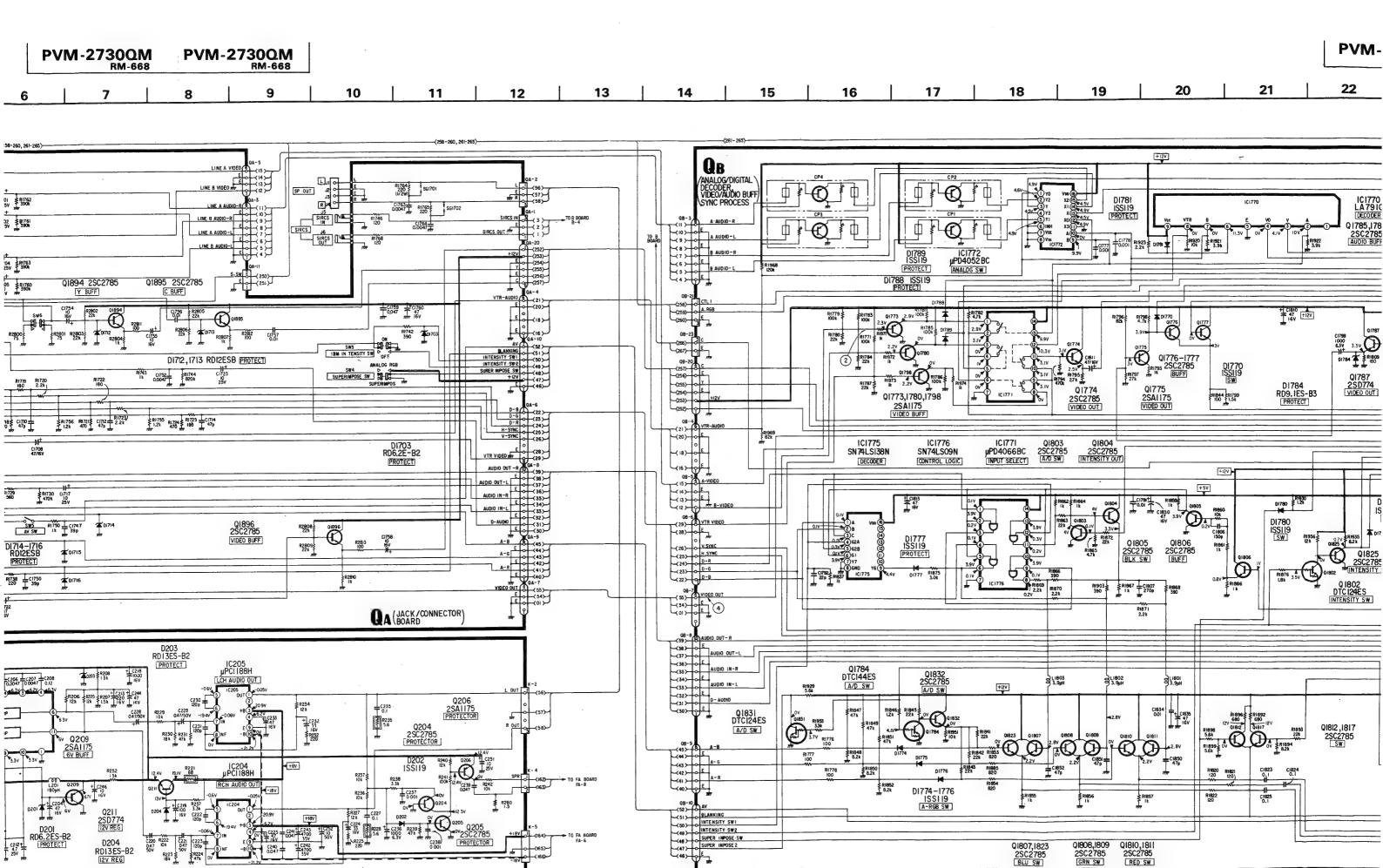






5

5-4. SCHEMATIC DIAGRAM AND PRINTED WIRING BOARDS



Q1810,1811

2SC2785 RED SW

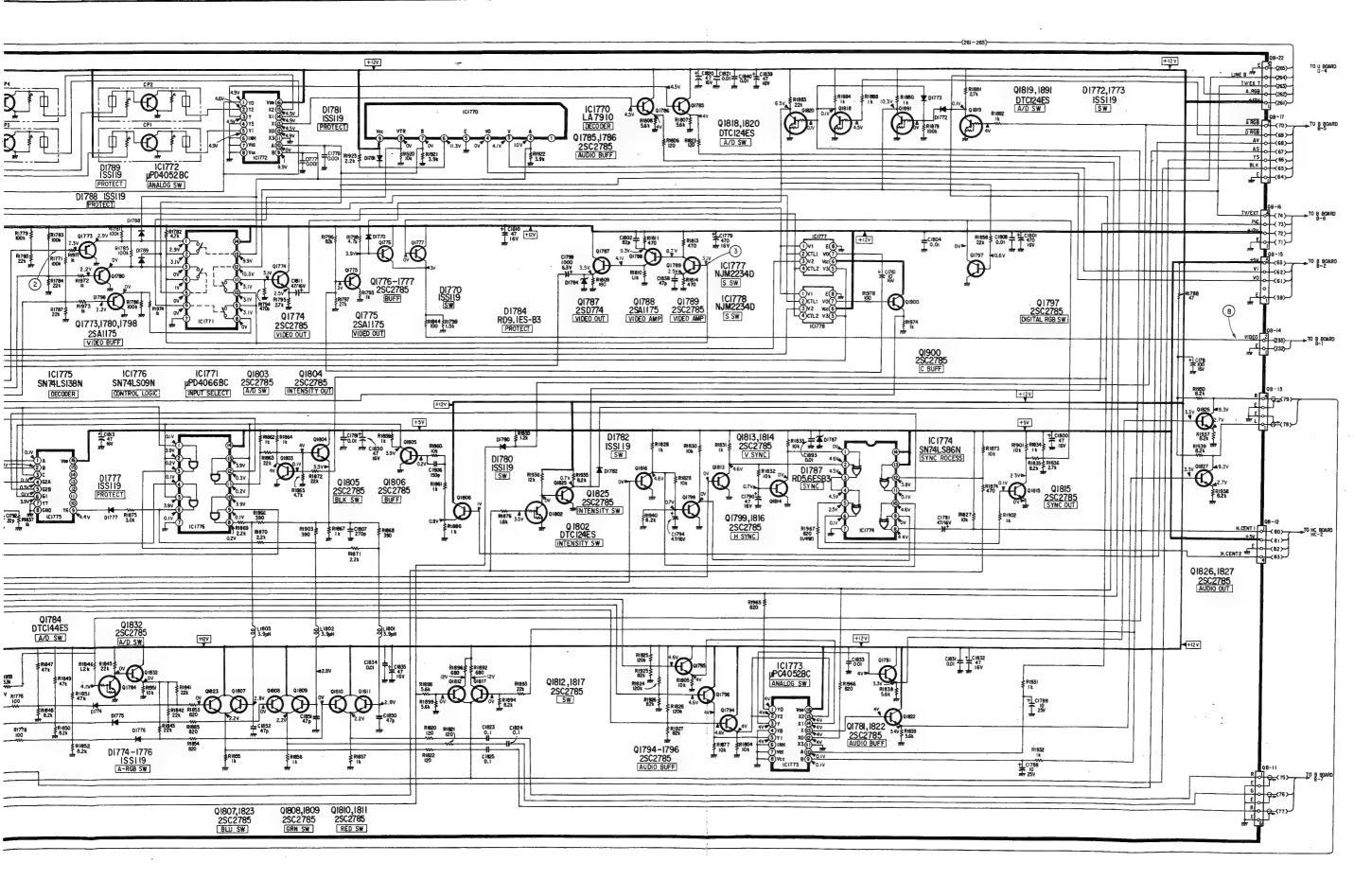
Q1808,1809

2SC2785

Q1807,1823 2SC2785 BLU SW

D204 RDI3ES-B2

16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |



PVM-2730QM RM-668

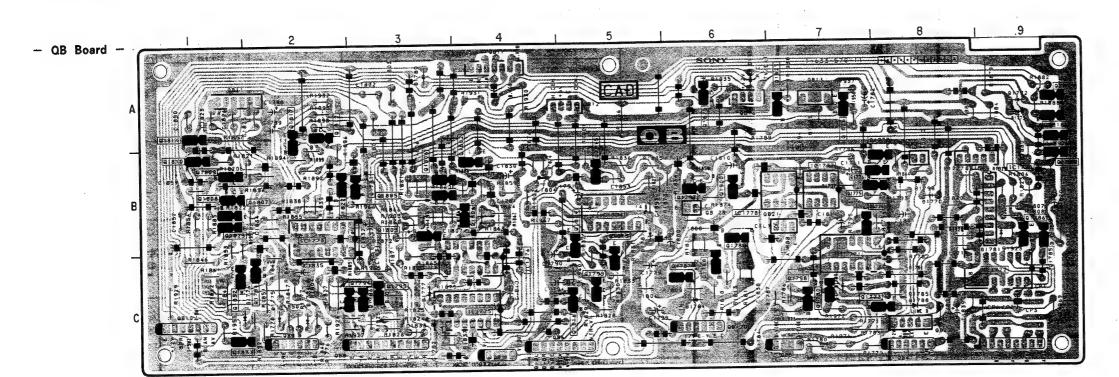
PVM-2730QM RM-668

- Conductor Side -

[ANALOG/DIGITAL DECODER, VIDEO/AUDIO BUFF SYNC PROCES]

[JACK/CONNECTOR] **QA**

QB



- QA Board -

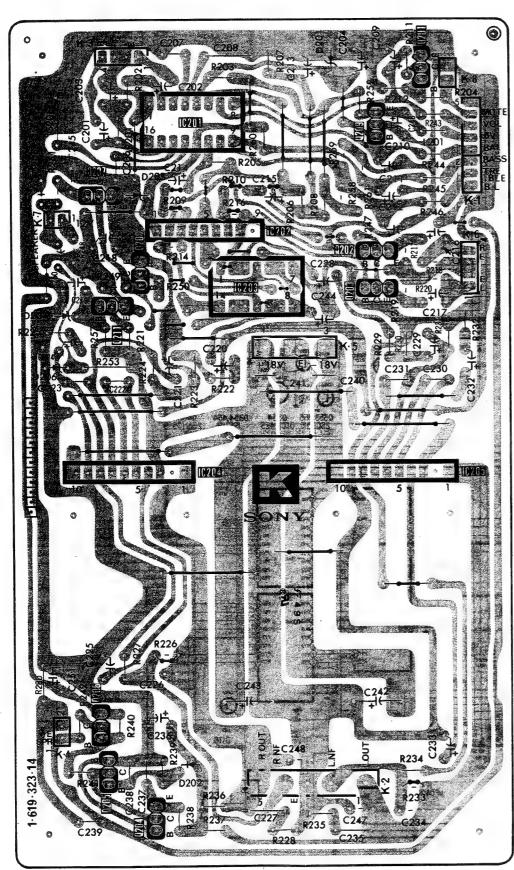
-QB BOARD-

IC	,	Q1808	B-1
101770	B-9	Q1809 Q1810	B-1 B-1
IC1770	C-7	Q1811	A-1
IC1771	C-9	Q1812	A-2
IC1772	B-2	Q1813	B-5
IC1773	B-5	Q1814	B-5
IC1774	C-4	01815	B-5
IC1775	C-4	Q1816	C-5
IC1776	B-7	Q1817	A-2
IC1777	B-7	Q1818	A-9
101778	D-1	Q1819	A-9
		Q1820	B-9
TDANIC	ICTOD	01822	B-2
TRANS	1510K	Q1823	B-1
Q1773	C-8	Q1825	A-6
Q1774	B-7	Q1826	A-7
Q1775	B-8	Q1827	A-7
Q1776	B-8	Q1831	C-1
Q1777	B-8	Q1832	C-1
Q1780	C-7	Q1891	A-9
1	• .		
Q1781	B-3	Q1990	B-6
	-		
Q1781	B-3		
Q1781 Q1784	B-3 C-2 B-9 B-9	Q1990	
Q1781 Q1784 Q1785 Q1786 Q1787	B-3 C-2 B-9 B-9 C-6	Q1990	B-6 DDE
Q1781 Q1784 Q1785 Q1786 Q1787 Q1788	B-3 C-2 B-9 B-9 C-6 C-6	Q1990 DIC	B-6 DDE B-8
Q1781 Q1784 Q1785 Q1786 Q1787 Q1788 Q1789	B-3 C-2 B-9 B-9 C-6 C-6 B-6	DIC D1770 D1772	B-6 DDE 8-8 A-9
Q1781 Q1784 Q1785 Q1786 Q1787 Q1788 Q1789 Q1794	B-3 C-2 B-9 B-9 C-6 C-6 B-6 C-3	DIC D1770 D1772 D1773	B-6 DDE B-8 A-9 A-9
Q1781 Q1784 Q1785 Q1786 Q1787 Q1788 Q1789 Q1794 Q1795	B-3 C-2 B-9 B-9 C-6 C-6 C-6 C-3 C-3	DIC D1770 D1772 D1773 D1774	B-6 DDE B-8 A-9 A-9 C-2
Q1781 Q1784 Q1785 Q1786 Q1787 Q1788 Q1789 Q1794 Q1795 Q1796	B-3 C-2 B-9 B-9 C-6 C-6 B-6 C-3 C-3	D1770 D1772 D1773 D1774 D1775	B-6 DDE B-8 A-9 A-9 C-2 C-2
Q1781 Q1784 Q1785 Q1786 Q1787 Q1788 Q1789 Q1794 Q1795 Q1796 Q1797	B-3 C-2 B-9 B-9 C-6 C-6 B-6 C-3 C-3 B-6	D1770 D1772 D1773 D1774 D1775 D1776	B-6 DDE B-8 A-9 C-2 C-2 C-2
Q1781 Q1784 Q1785 Q1786 Q1787 Q1788 Q1789 Q1794 Q1795 Q1796 Q1797 Q1798	B-3 C-2 B-9 B-9 C-6 C-6 B-6 C-3 C-3 C-3 B-6 C-7	D1770 D1772 D1773 D1774 D1775 D1776 D1777	B-6 DDE B-8 A-9 C-2 C-2 C-2 C-3
Q1781 Q1784 Q1785 Q1786 Q1787 Q1788 Q1789 Q1794 Q1795 Q1796 Q1797 Q1798 Q1799	B-3 C-2 B-9 B-9 C-6 C-6 B-6 C-3 C-3 C-3 B-6 C-7	D1770 D1772 D1773 D1774 D1775 D1776 D1777 D1780	B-6 DDE B-8 A-9 C-2 C-2 C-2 C-3 A-3
Q1781 Q1784 Q1785 Q1786 Q1787 Q1788 Q1789 Q1794 Q1795 Q1796 Q1797 Q1798 Q1799 Q1802	B-3 C-2 B-9 B-9 C-6 C-6 B-6 C-3 C-3 C-3 C-5 B-4	D1770 D1772 D1773 D1774 D1775 D1776 D1777 D1780 D1781	B-6 DDE B-8 A-9 C-2 C-2 C-2 C-3 A-3 B-9
Q1781 Q1784 Q1785 Q1786 Q1787 Q1788 Q1789 Q1794 Q1795 Q1796 Q1797 Q1798 Q1799 Q1802 Q1803	B-3 C-2 B-9 B-9 C-6 C-6 B-6 C-3 C-3 C-3 C-3 B-6 C-5 B-4 B-3	D1770 D1772 D1773 D1774 D1775 D1776 D1777 D1780 D1781 D1782	B-6 DDE B-8 A-9 C-2 C-2 C-2 C-3 A-3 B-9 A-6
Q1781 Q1784 Q1785 Q1786 Q1787 Q1788 Q1789 Q1794 Q1795 Q1796 Q1797 Q1798 Q1799 Q1802 Q1803 Q1804	B-3 C-2 B-9 B-9 C-6 B-6 C-3 C-3 C-3 C-3 B-6 C-7 C-5 B-4 B-3 B-4	D1770 D1772 D1773 D1774 D1775 D1776 D1777 D1780 D1781 D1782 D1784	B-6 DDE B-8 A-9 C-2 C-2 C-2 C-3 A-3 B-9 A-6 C-6
Q1781 Q1784 Q1785 Q1786 Q1787 Q1788 Q1789 Q1794 Q1795 Q1796 Q1797 Q1798 Q1799 Q1802 Q1803 Q1804 Q1805	B-3 C-9 B-9 C-6 C-6 B-3 C-3 C-3 C-3 C-5 B-4 B-3 B-4 B-3	D1770 D1772 D1773 D1774 D1775 D1776 D1777 D1780 D1781 D1782 D1784 D1787	B-6 DDE B-8 A-9 C-2 C-2 C-2 C-3 A-3 B-9 A-6 C-6 B-5
Q1781 Q1784 Q1785 Q1786 Q1787 Q1788 Q1789 Q1794 Q1795 Q1796 Q1797 Q1798 Q1799 Q1802 Q1803 Q1804 Q1805 Q1806	B-3 C-9 B-9 C-6 B-6 C-3 C-3 C-3 C-3 B-7 C-5 B-4 B-3 B-3 B-3	D1770 D1772 D1773 D1774 D1775 D1776 D1777 D1780 D1781 D1782 D1784 D1787 D1788	B-6 DDE B-8 A-9 C-2 C-2 C-2 C-3 A-3 B-9 A-6 C-6 B-5 C-8
Q1781 Q1784 Q1785 Q1786 Q1787 Q1788 Q1789 Q1794 Q1795 Q1796 Q1797 Q1798 Q1799 Q1802 Q1803 Q1804 Q1805	B-3 C-9 B-9 C-6 C-6 B-3 C-3 C-3 C-3 C-5 B-4 B-3 B-4 B-3	D1770 D1772 D1773 D1774 D1775 D1776 D1777 D1780 D1781 D1782 D1784 D1787	B-6 DDE B-8 A-9 C-2 C-2 C-2 C-3 A-3 B-9 A-6 C-6 B-5

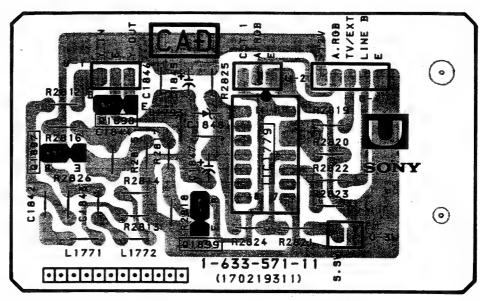
[AUDIO AMP]

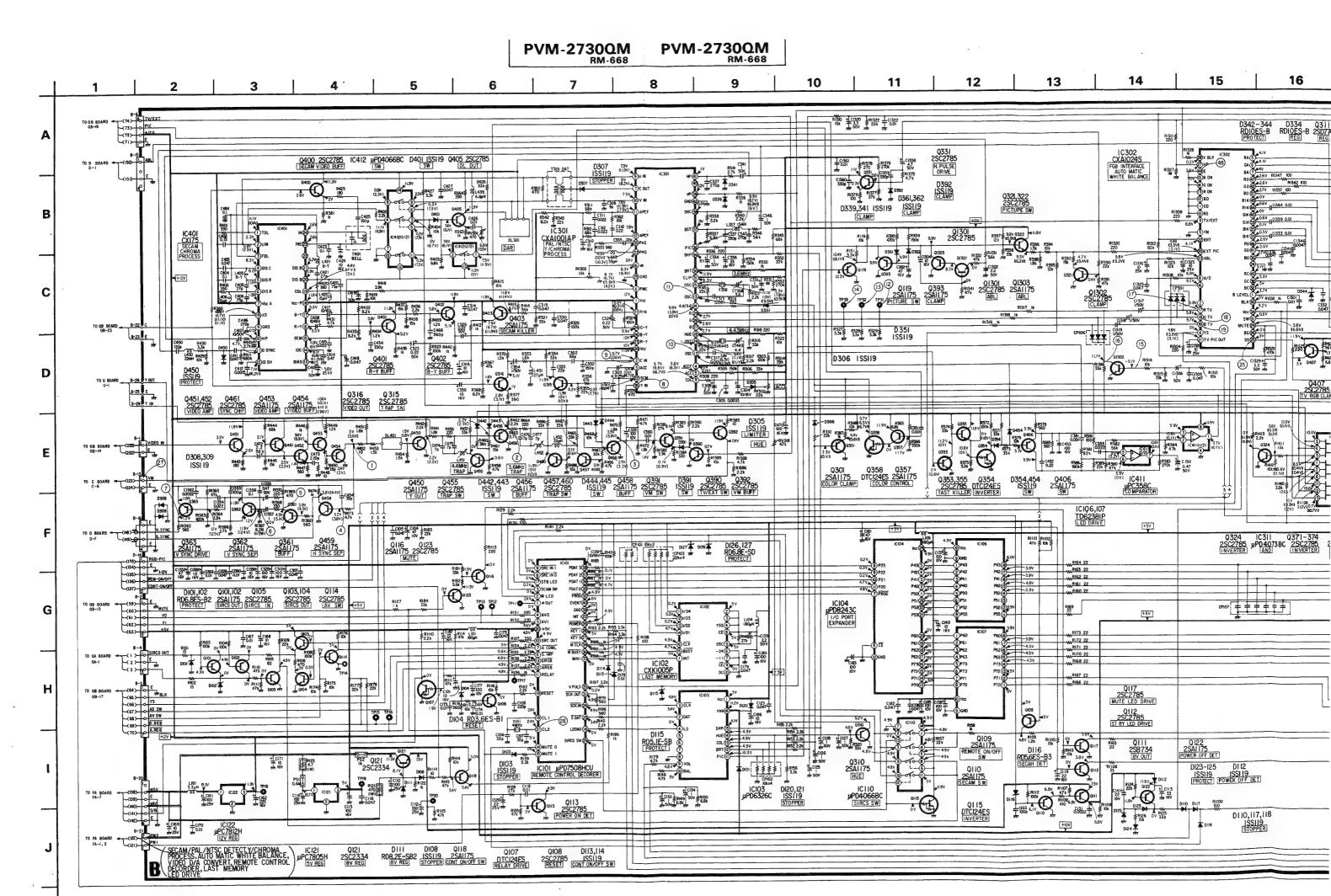


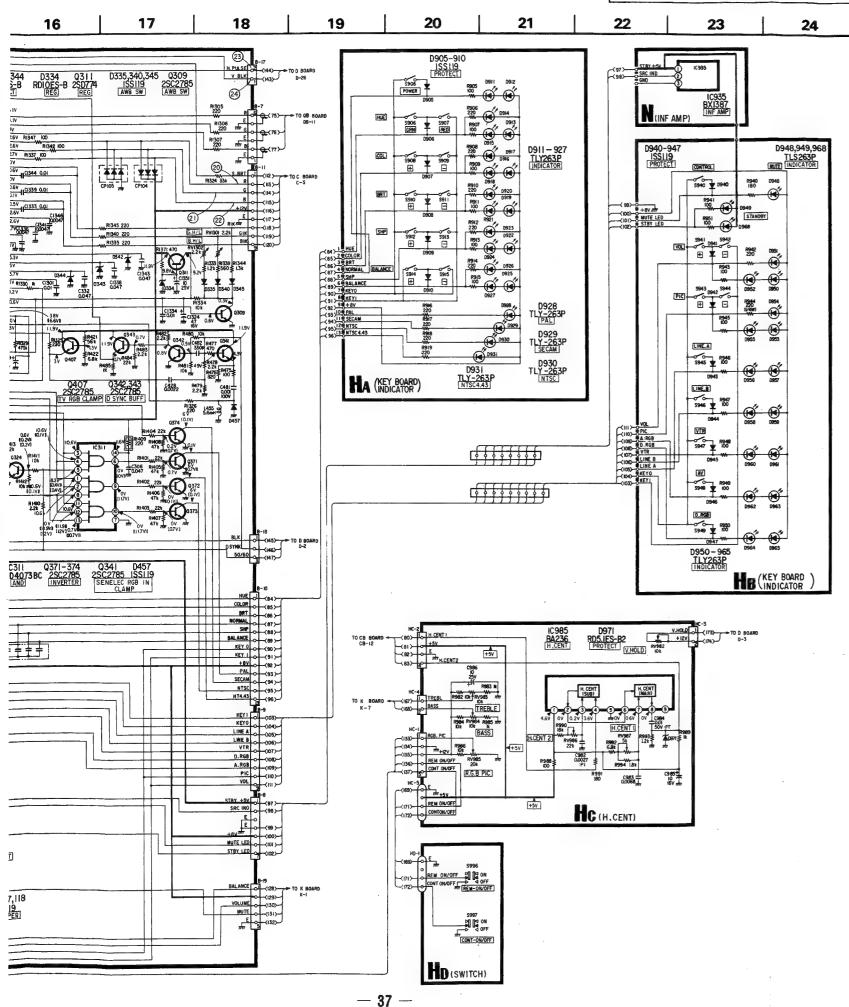
- K Board -

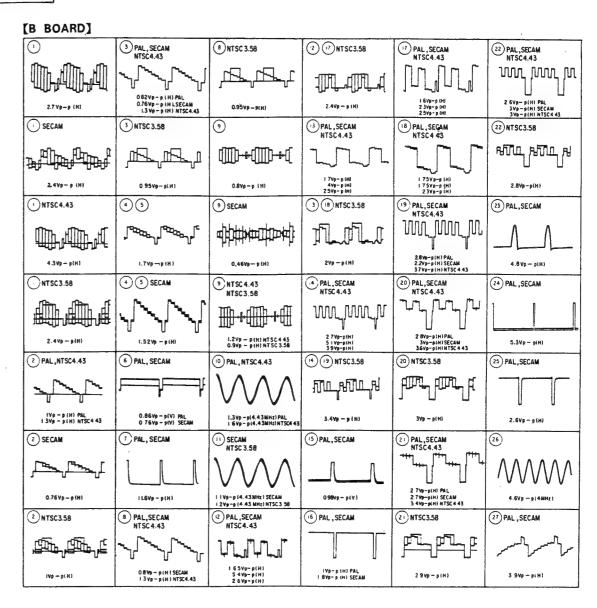


- U Board -









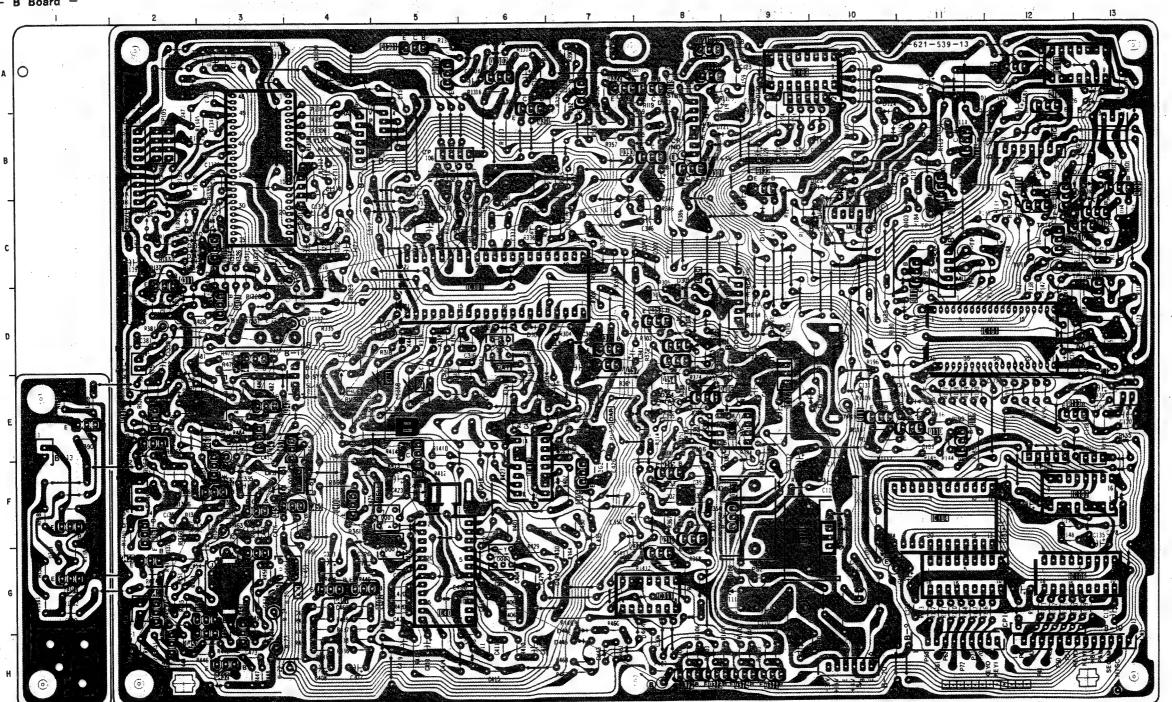
B

- Conductor Side -

SECAM/PAL/NTSC DETECT, Y/CHROMA PROCESS, AUTO MATIC WHITE BALANCE, VIDEO D/A CONVERT, REMOTO CONTROL DECORDER, LAST MEMORY LED DRIVE



- B Board -



-B BOARD-

IC		Q331 E-2 Q341 D-3		DIODE		
IC101	D-12	Q342	E-3	D101	B-13	
IC102	F-13	Q343	E-3	D102	B-13	
IC103	A-9	Q353	D-8	D103	C-11	
IC103	F11	Q354	D-8	D103	D-12	
	G-13	Q355	D-8	D108	G-9	
IC106		Q357	D-7	D110	C-10	
IC107	G-11 A-13		D-7	D111	G-9	
IC110	F-10	Q358 Q361	F-2	D112	C-9	
IC121	E-9	Q362	F-3	D113	E-11	
IC122	D-6	Q363	E-2	D114	E-11	
IC301	B-3	Q303	H-9	0115	D-9	
IC302 IC311	G-8	Q371	H-8	D116	E-11	
		Q372	H-8	D117	C-10	
1C401	G-5 E-9	Q374	H-9	D118	D-18	
IC411 IC412	F-6	0390	E-1	D120	A-9	
10412	. F-0	Q391	G-1	D121	B-8	
		Q392	F-1	D123	B-10	
		Q393	8-8	D124	B-10	
- A A	IOIOTOD	Q400	F-4	D125	B-10	
IKAr	ISISTOR	0401	G-4	D126	A-13	
Q101	B-13	Q402	G-4	D127	B-13	
Q102	C-13	Q403	E-5	D305	D-8	
Q103	C-12	Q405	F-7	D306	E-10	
Q104	C-13	Q406	E-8	D307	D-6	
Q105	C-12	Q407	D-3	D308	A-7	
Q107	A-12	Q450	H-3	D309	A-7	
Q108	D-13	Q451	G-2	D334	D-2	
Q109	A-8	Q452	H-3	D335	C-2	
Q110	E-11.	Q453	H-3	D339	C-7	
Q111	E-10	Q454	G-3	D340	C-2	
Q112	A-8	Q455	F-4	D341	C-8	
Q113	E-12	Q456	G-3	D342	A-2	
Q114	C-12	Q457	E-4	D343	A-3	
Q115	A-12	Q458	F-3	D344	C-3	
Q116	B-11	Q459	G-2	D345	C-2	
Q117	C-11	Q460	F-3	D351	E-8	
Q118	E-11	Q461	H-2	D354	E-8	
Q119	A-8	Q1301	A-5	D361	8-8	
Q121	F-9	Q1302	A-6	D362	B-8	
Q122	B-9	Q1303	A-5	D391	G-1	
Q123	.B−11			D392	E-2	
Q301	B-8	-		D401	E-7	
G309	C-3			D442	H-7	
Q310	A-6	VARI	ABLE	D443 .	H-7	
Q311	. C-2	RESI	STOR	D444	H-8	
Q315	F-8			D445	H-7	
Q316	F-8	RV301	E-6	D450	G-7	
Q321	A-7	RV302	D-7	D454	E-7	
Q322	A-7	RV303	A-3	D457	E-2	
Q324	G-8	RV318	E-3			
		RV1301	C-1			
		RV1302	C-1			

1-2730QM RM-668

PVM-2730QM RM-668

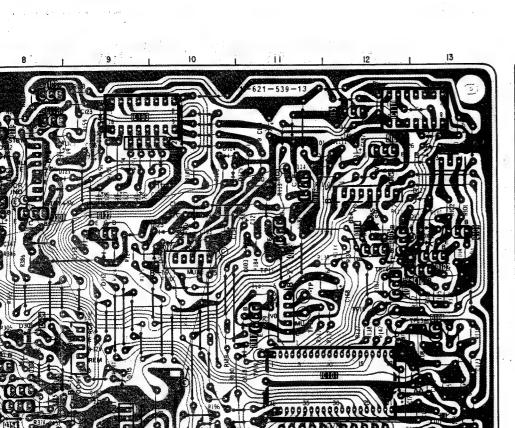
ROMA ANCE, NTROL

В

[KEY BOARD] HA

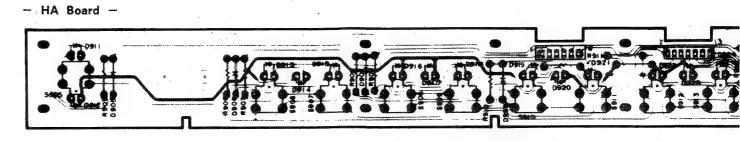
[KEY BOARD] HB

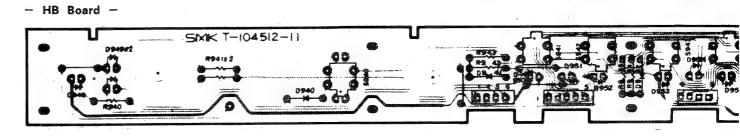
[H. CENT]

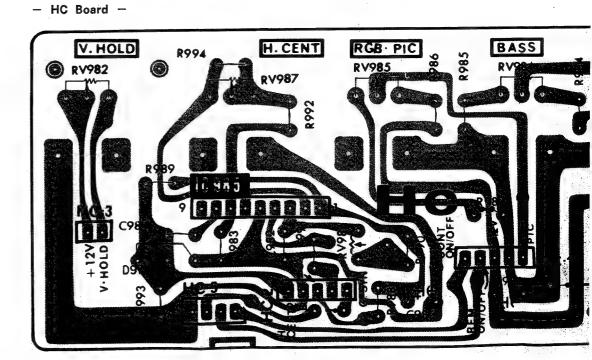


98888966666

-B BOA	RD-				
IC		Q331 Q341	E-2 D-3	DIC	ODE
IC101 IC102 IC103 IC104 IC106 IC107 IC110 IC121 IC122 IC301 IC302 IC311 IC401 IC411	D-12 F-13 A-9 F-11 G-13 G-11 A-13 F-10 E-9 B-3 G-8 G-5 E-9 F-6	Q341 Q342 Q343 Q353 Q354 Q355 Q357 Q358 Q361 Q362 Q363 Q371 Q372 Q373 Q374 Q390 Q391	D-3 E-3 E-3 D-8 D-8 D-7 D-7 F-2 F-3 E-2 H-9 H-8 H-9 E-1 G-1	D101 D102 D103 D104 D108 D110 D111 D112 D113 D114 D115 D116 D117 D118 D120 D121	B-13 B-13 C-11 D-12 G-9 C-10 G-9 E-11 E-11 D-9 E-11 C-10 D-18 A-9 B-8
TRANS	STOR	Q392 Q393 Q400 Q401	F-1 B-8 F-4 G-4	D123 D124 D125 D126	B-10 B-10 B-10 A-13
0101 0102 0103 0104 0105 0107 0108 0109 0111 0112 0113 0114 0115 0116 0117 0118 0119 0121 0122 0123 0309	B-13 C-13 C-12 C-12 C-12 A-12 D-13 A-8 E-11 E-10 A-8 E-12 C-12 B-11 C-11 E-11 E-11 B-9 B-9 B-11 B-9 B-11 B-9	Q402 Q403 Q405 Q406 Q407 Q450 Q451 Q452 Q453 Q454 Q455 Q456 Q457 Q458 Q459 Q460 Q461 Q1301 Q1302 Q1303	G-4 G-5 F-7 E-8 D-3 G-3 H-3 G-4 G-4 F-3 E-4 F-2 A-5 A-5	D127 D305 D306 D307 D308 D309 D334 D335 D339 D340 D341 D342 D343 D344 D345 D351 D354 D361 D362 D391 D392 D401	B-13 D-8 E-10 D-6 A-7 D-2 C-2 C-7 C-2 C-7 C-2 C-8 A-2 A-3 C-3 C-2 E-8 B-8 B-8 G-1 E-2 E-7 H-7
Q310 Q311 Q315 Q316 Q321 Q322 Q324	A-6 C-2 F-8 F-8 A-7 A-7		ABLE STOR E-6 D-7 A-3 E-3 C-1 C-1	D443 . D444 . D445 . D450 . D454 . D457	H-7 H-8 H-7 G-7 E-7 E-2







PVM-2730QM RM-668

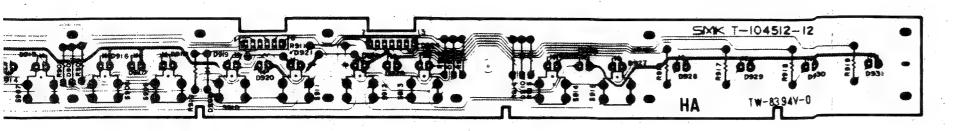
HD N

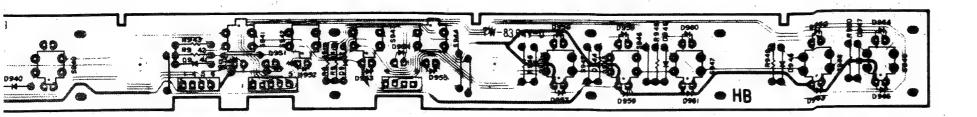
Y BOARD HA

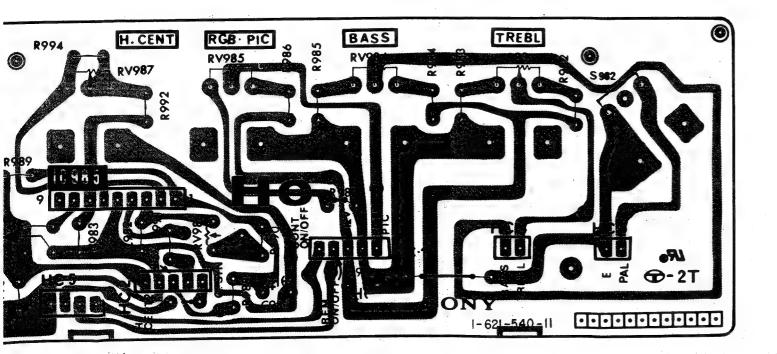
[KEY BOARD] HB

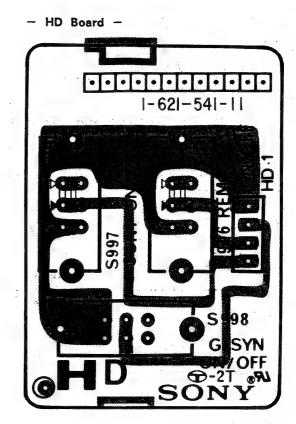
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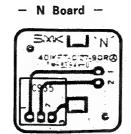
HA HB HC HD [SWITCH] N [INF AMP]

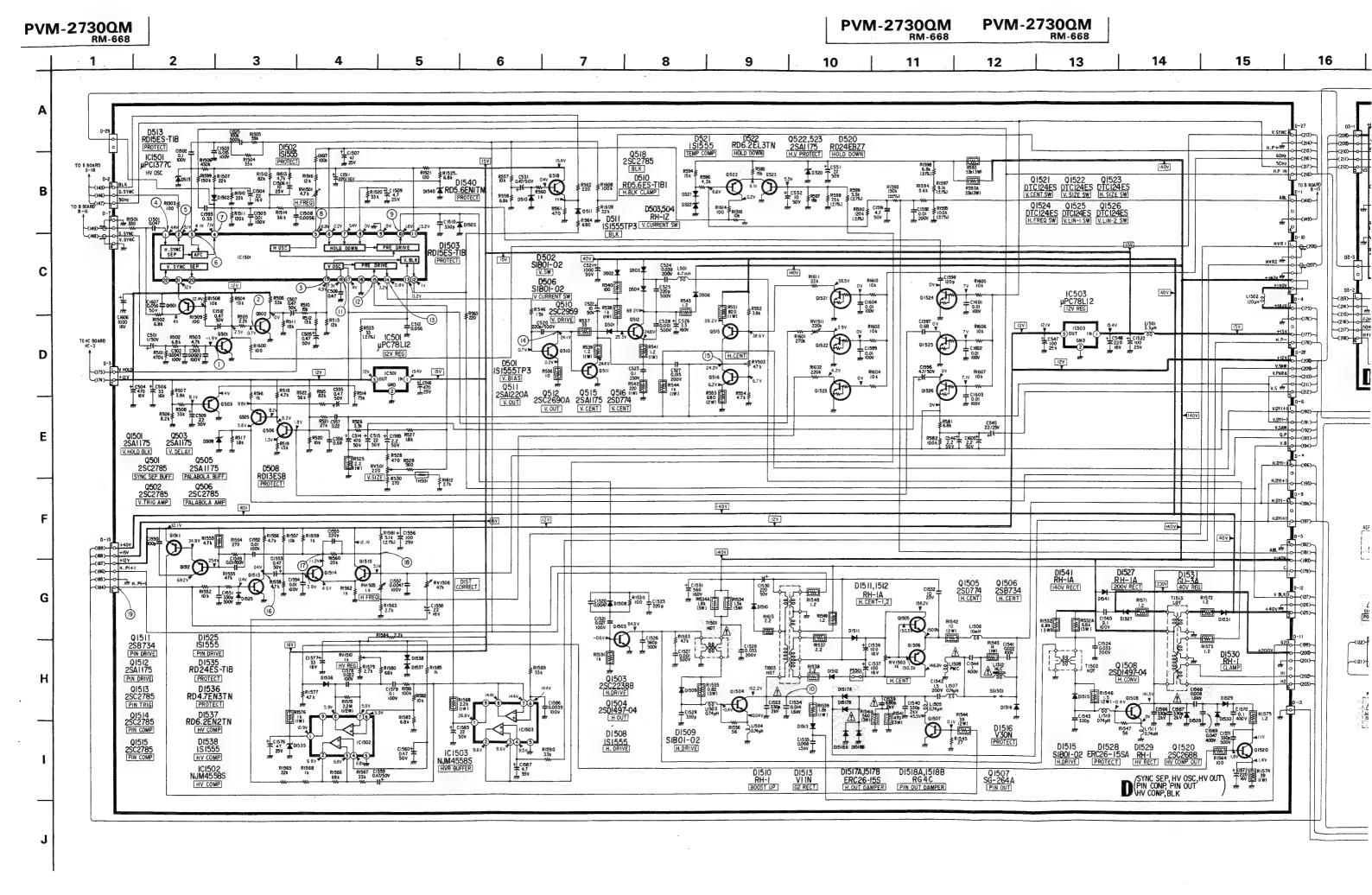


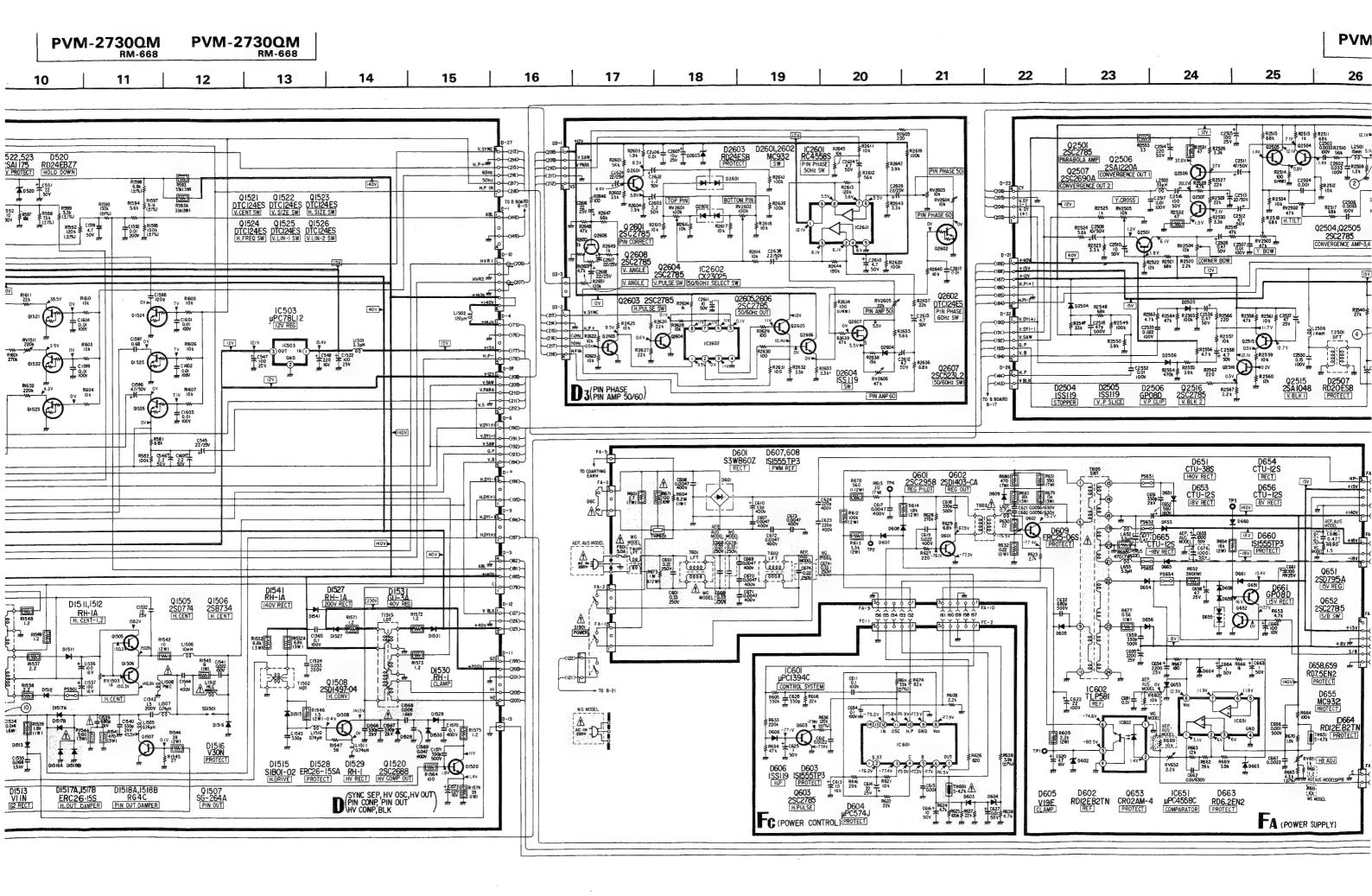




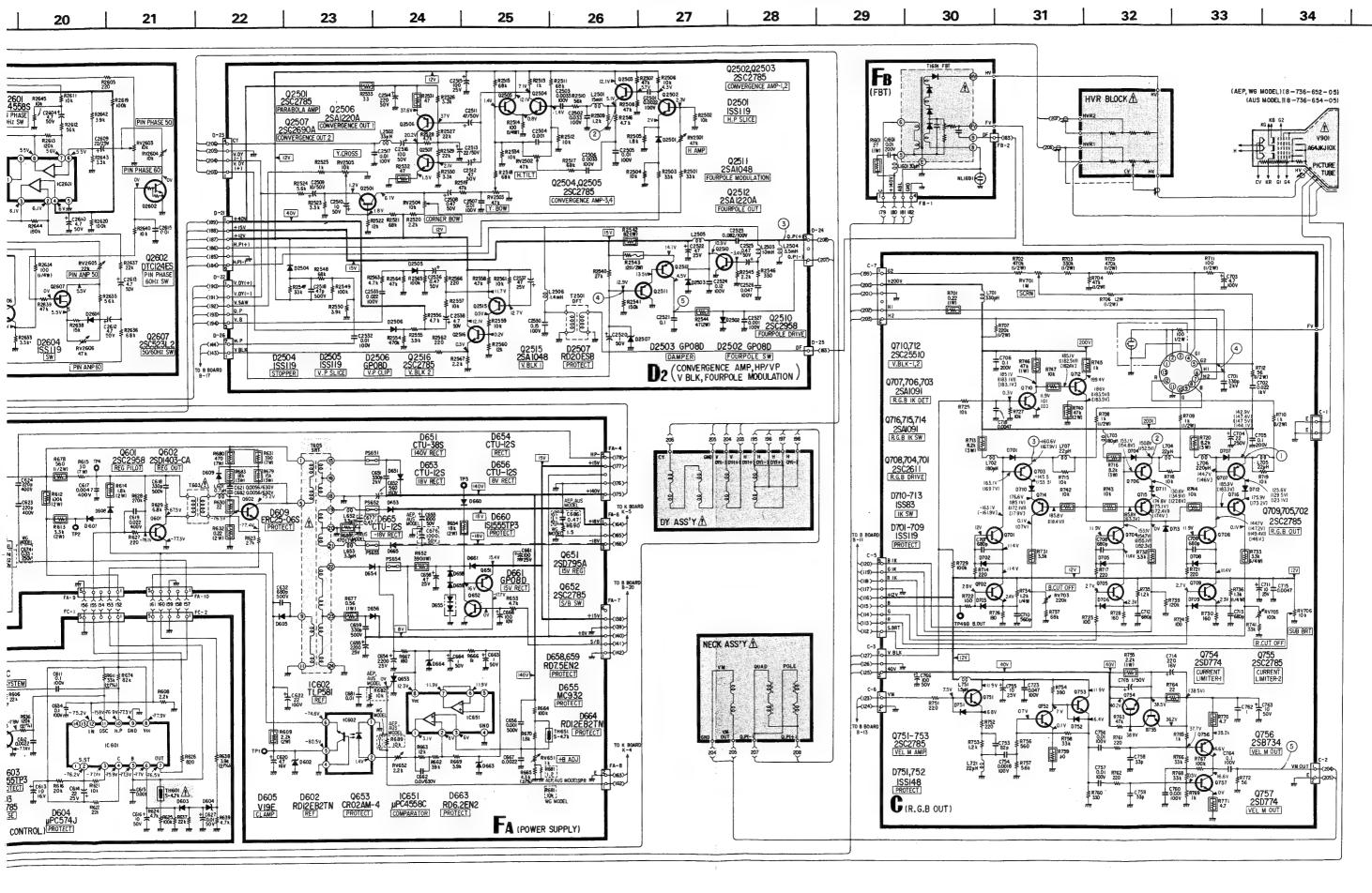












35

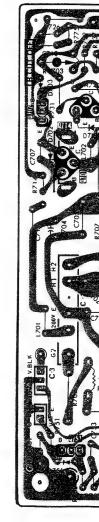
SYNC SEP, HV OSC, HV OUT PIN CONP, PIN OUT HV CONP, BLK

- Conductor Side -

- D Board -

-D BOARD-

lC	;	DIO	DE .
IC501 IC503 IC1501 IC1502 IC1503	C-10 C-6 A-9 G-12 G-13	D501 D502 D503 D504 D506 D508 D510 D511	C-13 E-12 E-12 E-12 E-13 C-11 B-7 A-6
TRANS	ISTOR	D513 D520	B-8 H-9
Q501 Q502 Q503 Q505 Q506 Q510 Q511 Q512 Q515 Q518 Q522 Q523 Q1501 Q1503 Q1504 Q1505 Q1506 Q1507 Q1508 Q1511 Q1512 Q1513 Q1514 Q1515 Q1520 Q1521 Q1522 Q1523 Q1521 Q1522 Q1523 Q1521 Q1522 Q1523 Q1524 Q1525	C-9 C-10 B-9 C-11 B-13 B-12 B-13 B-12 B-13 B-9 E-4 A-6 F-3 E-7 D-7 D-9 C-8 D-9 C-8 D-10	D520 D521 D522 D1502 D1503 D1508 D1509 D1510 D1511 D1512 D1513 D1515 D1516 D1525 D1527 D1528 D1529 D1530 D1531 D1535 D1536 D1537 D1538 D1540 D1541 D15178 D15178 D1518A D15188	H-8 H-8 B-6 B-5 C-4 B-4 B-3 C-7 F-7 E-6 G-11 H-11 G-2 D-1
Q1526	E-9	VARIA	
		RESIS RV501	A-12
		RV503 RV1501 RV1503 RV1505 RV1506 RV1510 RV1511	B-13 B-7 A-4 C-7 E-9 G-12 D-9



- FB Board -









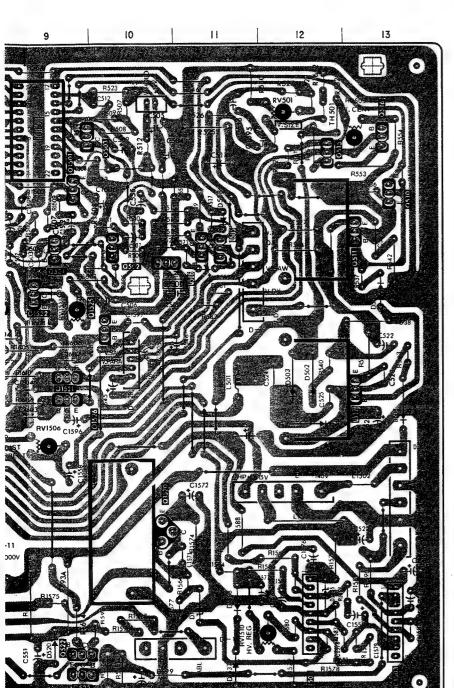
FA

[CONVERGENCE AMP, HP/VP V BLK, FOURPOLE MODULATION] D2 [POWER CONTROL]





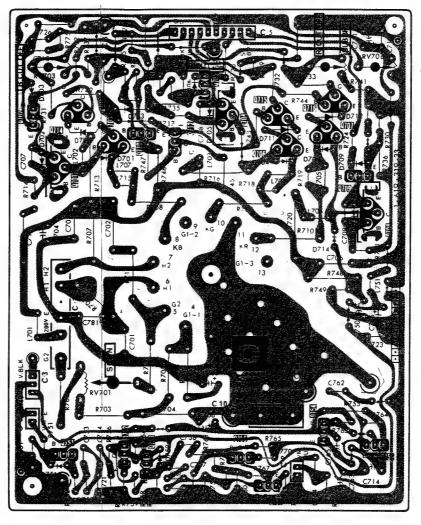




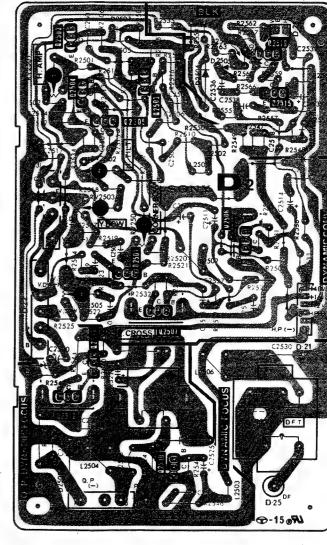
-D BOARD-

0 00	ARD -		
. 10		DIO	DE .
IC501 IC503 IC1501 IC1502 IC1503	C-10 C-6 A-9 G-12 G-13	D501 D502 D503 D504 D506 D508 D510 D511	C-13 E-12 E-12 E-12 E-13 C-11 B-7 A-6 B-8
TRANS 0501 0502 0503 0505 0506 0510 0511 0512 0515 0516 0518 0522 0523 01501 01503 01504 01505 01506 01507 01508 01511 01512 01513 01514 01515 01520 01521 01522 01523 01524	C-9 C-10 B-9 C-11 C-13 B-13 B-13 B-12 B-6 H-9 B-4 E-2 A-6 F-3 E-7 D-7 D-7 D-9 D-9 C-10 D-9 C-11	D520 D521 D522 D1502 D1503 D1508 D1509 D1510 D1611 D1515 D1516 D1525 D1527 D1528 D1529 D1530 D1531 D1536 D1537 D1538 D1540 D1541 D1517A D15178 D1518A D1518B	H-8 H-8 H-8 B-6 A-5 E-2 C-4 B-5 A-3 C-7 F-5 G-7 E-6 G-11 G-11 G-11 A-8 G-2 D-2 D-1
Q1525 Q1526	D-10 E-9	VARIA RESIS RV501 RV503 RV1501 RV1503 RV1505 RV1506 RV1510 RV1511	

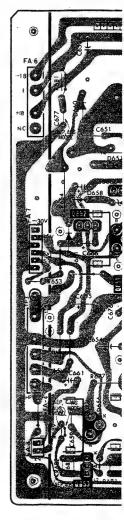
- C Board -



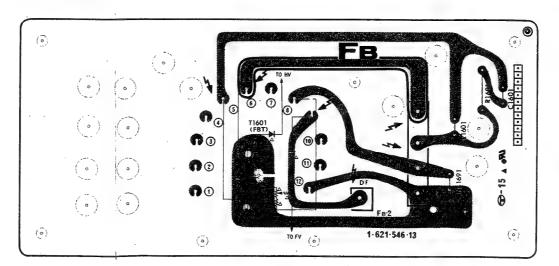
- D2 Board -



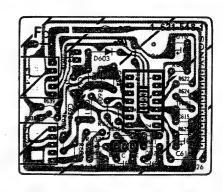
- FA Board -



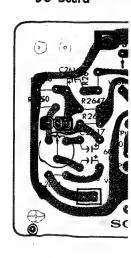
- FB Board -



- FC Board -



- D3 Board -



VERGENCE AMP, HP/VP LK, FOURPOLE MODULATION **D2**

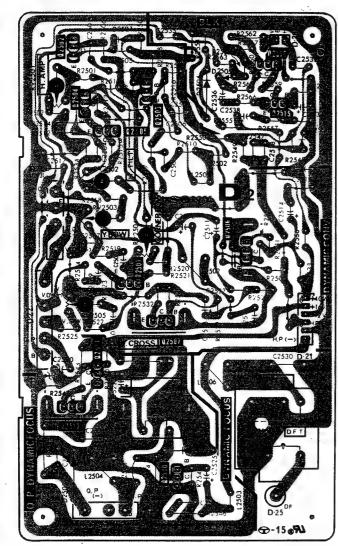
OF WAS COLORS OF THE PROPERTY

FC [POWER CONTROL]

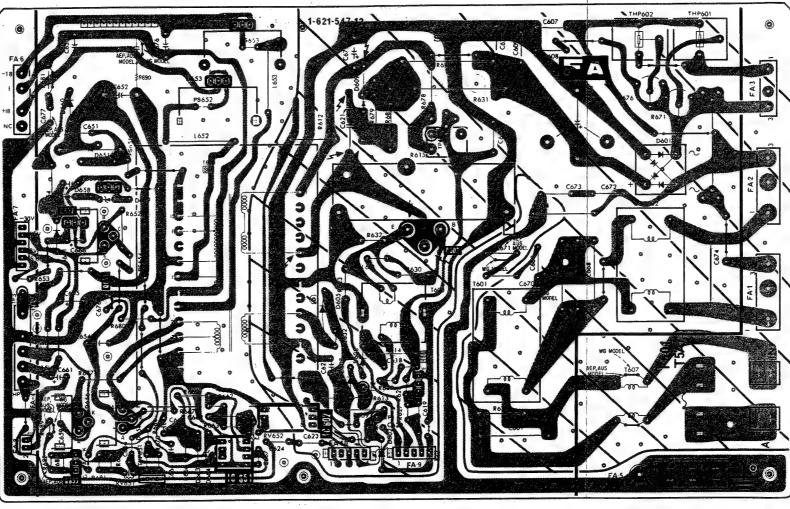
[POWER SUPPLY]

PIN PHASE PIN AMP 50/60]

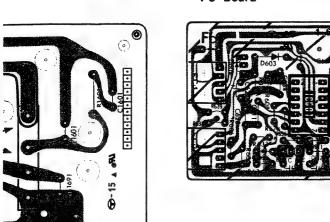
- D2 Board -



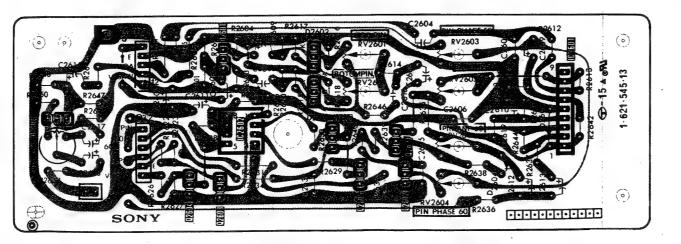
- FA Board -



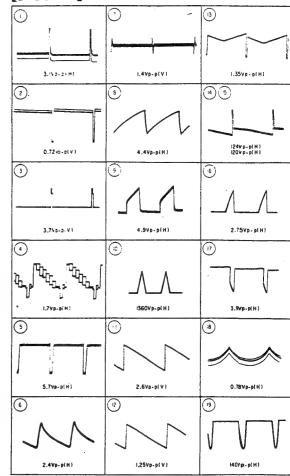
- FC Board -



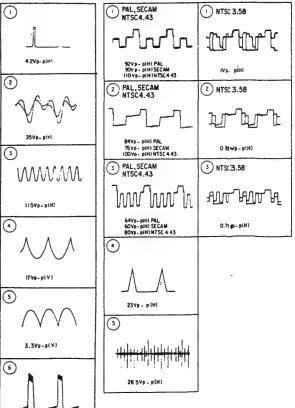
- D3 Board -



[D BOARD]



[D2 BOARD] [C BOARD]

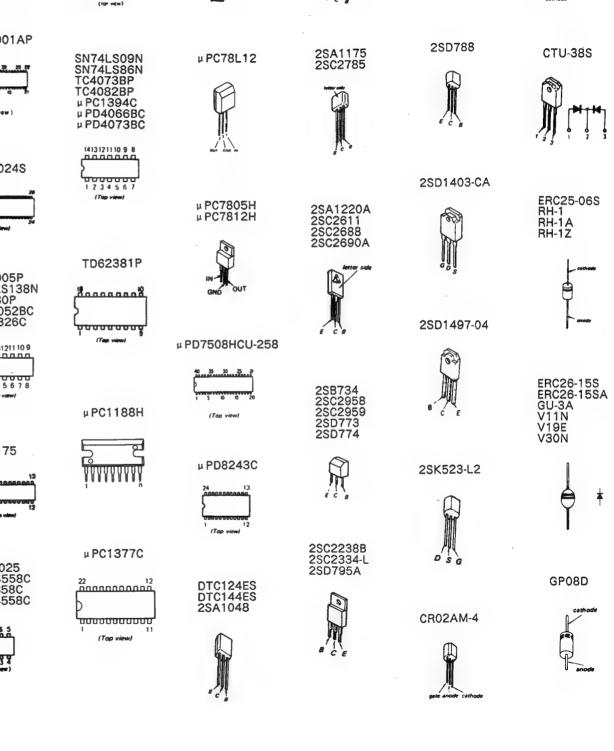


2SA1091 2SC2551

2SC2673

5-5. SEMICONDUCTORS

BA236	CX7947	μ PC574J		
LA7910 RC4558S				
CXA1001AP Top view) CXA1024S	SN74LS09N SN74LS86N TC4073BP TC4082BP µPC1394C µPD4066BC µPD4073BC	μ PC78L12 μ PC7805H μ PC7812H		
CXK1005P SN74LS138N TA7630P µ PD4052BC µ PD6326C // IB1514131211109	TD62381P	μ PD7508HCU-		
CX175		μ PD8243C		
CX23025 NJM4558C μ PC358C μ PC4558C	μ PC1377C	DTC124ES DTC144ES 2SA1048		









CTU-12S



MC911

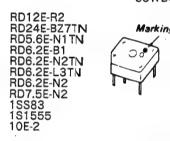
MC931



S3WB

RG4

SG26-



SLR-93















RD10ES-B2 RD12ES-B RD13ES-B2 RD13ES-B2 RD15ES-B RD20ES-B RD24ES-B RD5.1ES-B2 RD5.1ES-B2 RD5.1ES-B2 RD5.6ES-B1 RD5.6ES-B3 RD6.2ES-B2 RD6.8ES-B2 RD6.8ES-B2 RD6.8ES-B2 RD8.2ES-B2 RD9.1ES-B3 1SS119

2SA1091 2SC2551 RG4C **CTU-12S** MC911 µ PC574J 2SC2673 CX7947 Шини (100 MEW) 2SD788 SG264A 2SA1175 **CTU-38S** μPC78L12 174LS09N 2SC2785 MC931 174LS86N 24073BP 24082BP PC1394C PD4066BC PD4073BC 1413121110 9 8 1 2 3 4 5 6 7 2SD1403-CA S3WB60Z ERC25-06S (Top view) µ PC7805H 2SA1220A 2SC2611 2SC2688 µ PC7812H RD12E-R2 RH-1A RH-1Z RD24E-BZ7TN 2SC2690A RD5.6E-N1TN TD62381P RD6.2E-N2TN RD6.2E-L3TN RD6.2E-N2 RD6.2E-N2 RD7.5E-N2 1SS83 1S1555 2222222 2SD1497-04 0000000 10E-2 (Top view) u PD7508HCU-258 **SLR-932A** ERC26-15S ERC26-15SA GU-3A V11N 2SB734 2SC2958 2SC2959 2SD773 μPC1188H (Top view) V19E 2SD774 **V30N** μPD8243C 2SK523-L2 RD10ES-B2 RD12ES-B RD13ES-B **TLP581-Y** RD13ES-B2 RD24ES-B 2SC2238B 2SC2334-L 2SD795A RD3.6ES-B1 μPC1377C RD5.1ES-B RD5.1ES-B2 RD5.6ES-B1 RD5.6ES-B3 RD6.2ES-B2 RD6.8ES-B GP08D DTC124ES วักสภากกากกล่า DTC144ES 2SA1048 CR02AM-4 מטטטטטטטטטט RD6.8ES-B2 RD8.2ES-B2 TLS263P Top view! RD9.1ES-B3 TLY263P

SECTION 6

NOTE:

. Items with no part number and no description are not stocked because they

- are seldom required for routine service.

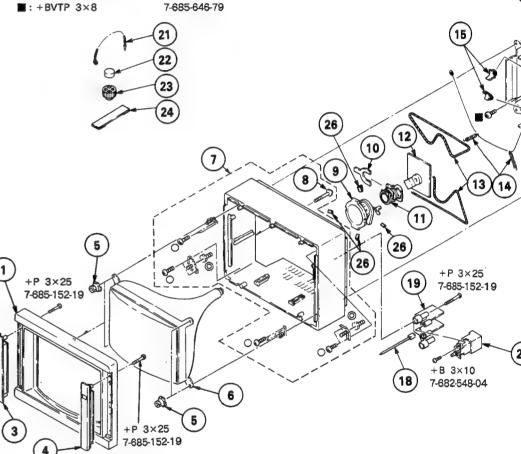
 The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " \star " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

EXPLODED VIEWS

The components identified by shading and mark A are critical for safety. Replace only with part number specified.

6-1. PICTURE TUBE

▲: +BVTP 4×12 7-685-661-14 ⊚ : BOLT, HEXAGON 5×20 7-683-340-07 7-685-664-79 O: +BVTP 4×20



No.	Part No.	Description	Remark	No.	Part No.	Description
1 2 3 4 5		BEZEL ASSY + BV 3X25 KEY BOARD UNIT (A) KEY BOARD UNIT (B) NUT, SPECIAL, PICTURE TUBE	2	14 15 16 17 18	A.1-230-712-22	STOPPER, WI F'ANGE NUT, RESISTOR AS
7 8 9 10 11 12	▲ 8-736-652-05 ▲ 8-736-654-05 X-4374-192-1 4-319-520-11 ▲ 1-451-255-23 1-452-146-21 ▲ 1-452-351-22	PICTURE TUBE (A64JKJ10X) (AEP, W PICTURE TUBE (A64JKJ10X) (AUS O CABINET ASSY SCREW, SPECIAL (+PW4X30) DEFLECTION YOKE (Y27FXA) MAGNET, BMC NECK ASSY, PICTURE TUBE (NA302 C BOARD, COMPLETE	NLY) 8	19 20 21 22	*4-371-183-01 1 -554-966-12 4-308-870-00 1-452-032-00 1-452-094-00 x-4308-815-0	SWITCH, PUS CLIP, LEAD MAGNET, DIS MAGNET, ROT

+PS 3×8

SECTION 6 EXPLODED VIEWS

cal for safety.

The components identified by

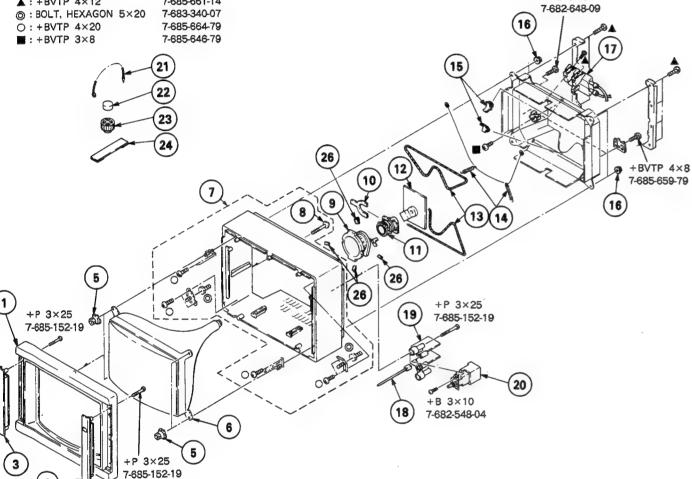
shading and mark A are criti-

Replace only with part number

- Items with no part number and no description are not stocked because they are seldom required for routine service.
 The construction parts of an assembled
- part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

6-1. PICTURE TUBE

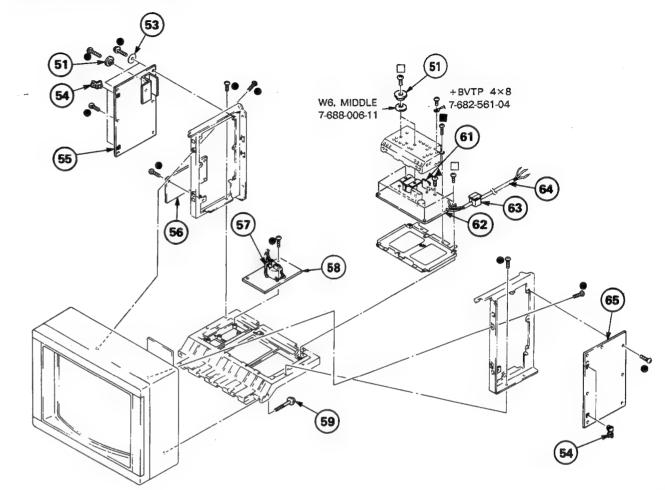
▲:+BVTP 4×12 7-685-661-14 7-683-340-07 ⊚ : BOLT, HEXAGON 5×20 O: +BVTP 4×20



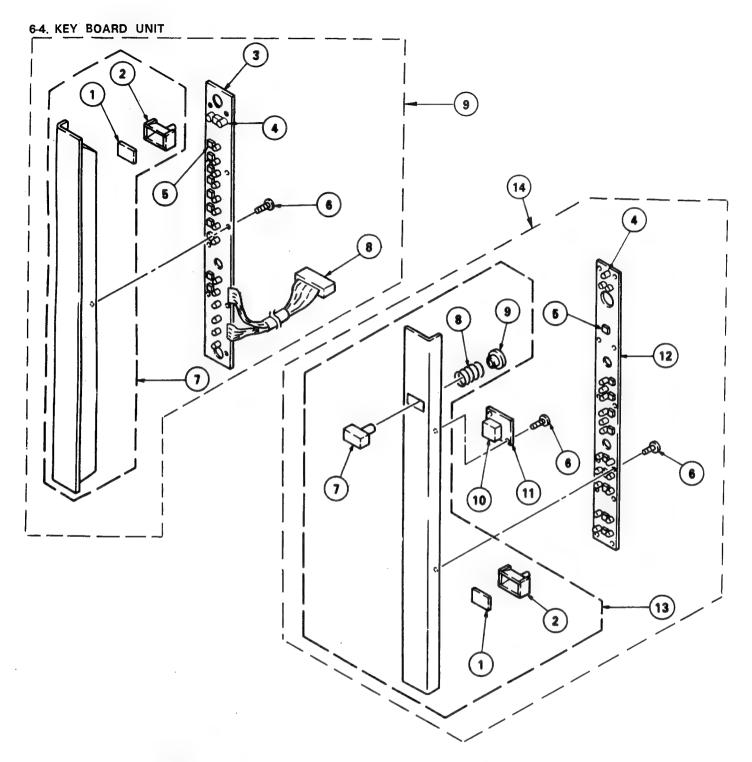
No.	Part No.	Description	Remark	No.	Part No.	<u>Description</u> <u>Rema</u>	rk
1 2 3 4 5 5	X-4374-191-1 3-703-083-00 1-464-792-11 1-464-793-11 4-376-980-01 \$\tilde{\Lambda}.8-736-652-05 \$\tilde{\Lambda}.8-736-654-05 \$\tilde{\tilde{\tilde{X}}}.4-319-520-11 \$\tilde{\Lambda}.1-451-255-23 1-452-146-21	BEZEL ASSY + BV 3X25 KEY BOARD UNIT (A) KEY BOARD UNIT (B) NUT, SPECIAL, PICTURE TUBE PICTURE TUBE (A64JKJ10X) (AEP, MG PICTURE TUBE (A64JKJ10X) (AUS ONI CABINET ASSY SCREW, SPECIAL (+PW4X30) DEFLECTION YOKE (Y27FXA) MAGNET, BMC	2 ONLY) X) 8	14 15 16 17 18 18	4-303-774-XX *4-371-629-01 4-306-034-00 \$\Lambda\$.1-230-712-22 *4-371-182-01 *4-371-183-01 \$\Lambda\$.1-554-966-12 4-308-870-00 1-452-032-00 X-4308-815-0	SPRING STOPPER, WIRE F.ANGE NUT, (B) 5MM RESISTOR ASSY, HIGH-VOLTAGE SHAFT COVER, MAIN SWITCH SWITCH, PUSH (AC POWER)(1 KEY) CLIP, 'LEAD WIRE MAGNET, DISK; 10MM Ø MAGNET, ROTATAB'LE DISK; 15MM Ø PERMA'L'OY ASSY, CONVERGENCE	
12 13	*A-1330-789-A	NECK ASSY, PICTURE TUBE (NA302) C BOARD, COMPLETE COIL, DEMAGNETIZATION		1 20	3-703-003-00	Sincen, or	

6-2, CHASSIS

●:+8VTP 3×12 7-685-648-79 ■: +BVTP 3×8 7-685-646-79 7-682-150-01 □: +P 3×12 ▲: +BVTP 4×12 7-685-661-14



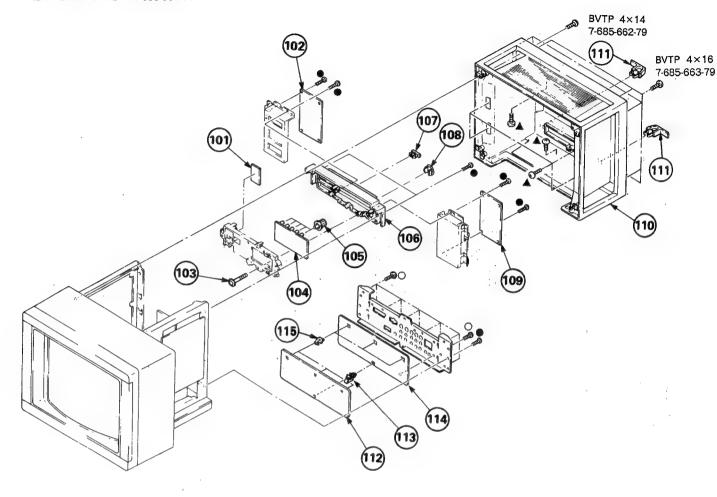
ló.	Part No.	Description	Remark	No.	Part No.	Description	Remark
55 56 57 58	4-383-101-01 *4-313-732-00 *A-1345-699-A *A-1340-941-A 1 -439-339-14 *1-621-546-13			63 64	*A-1245-387-A *A-1245-411-A A *4-364-726-01 A *4-364-745-01 A .1-559-409-12 A .1-534-820-13	FC BOARD FA BOARD, COMPLETE (AEP, AUS ON FA BOARD, COMPLETE (WG, ONLY) BUSHING, AC CORD (MG, ONLY) BUSHING, AC CORD (AEP, AUS ONLY) POWER CORD (WG ONLY) POWER CORD (AEP, AUS ONLY) B BOARD, COMPLETE	61)



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1 2 3 4 5 6 7 8 9	9-990-892-01 9-990-891-01 *9-992-308-01 9-990-895-01 1-553-766-00 9-990-894-01 9-992-310-01 9-992-309-01 1-464-803-11	MT SWITCH (KEY BOARD SWITCH) TAPPING SCREW FRAME ASSY	1,2	1 1 2 4 4 5 6 6 7 8 8 9 1 10 11 12 13 14	9-990-892-01 9-990-891-01 9-990-895-01 1-553-766-00 9-990-899-01 9-990-899-01 9-990-900-01 8-741-138-70 *9-990-898-01 *9-992-401-01 1-464-804-11	ILLUMINATOR A REFLECTOR A SPACER MT SWITCH (KEY BOARD SWITCH) TAPPING SCREW KEY TOP COIL SPRING STOPPER DETECTOR (BX1387) N BOARD HB BOARD FRAME ASSY KEY BOARD UNIT(B)	1,2,7,8,9 1-13

6-3. BACK COVER

●: +BVTP 3×12 7-685-648-79 ○: +BVTP 3×10 7-685-647-79 ▲: +BVTP 4×12 7-685-661-14



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
101 102 103 104 105 106 107	4-319-520-11 *A-1375-066-A 4-381-166-01	D2 BOARD, COMPLETE. SCREW, SPECIAL (+PW4X30) HC BOARD, COMPLETE KN^9 (A), CONTROL PANEL, CONTROL	! ! !	111 112 113	X-4374-448-3 4-316-003-21 *A-1270-282-A *3-703-141-00 *A-1270-281-A	K BOARD, COMPLETE COVER ASSY, REAR HOLDER, CORD QB BOARD, COMPLETE	111

SECTION 7 ELECTRICAL PARTS LIST

NOTE:

The components identified by shading and mark A are critical for safety. Replace only with part number specified.

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

When indicating parts by reference number, please include the board name.

CAPACITORS

COILS

• MF : μF, PF : μμF

• MMH : inH, UH : μH

Note: In this parts list, the mounting diagram is for a different product.

Therefore, an excess of parts is listed.

- 0	FC	TOT	FAN	^
ĸ	F2	IS	FUR	2

• All resistors are in ohms
• F: nonflammable

REF. NO	. PART NO.		N		REMARK	REF.NO.	PART NO.	DESCRIPTIO	N		REMARK
	*A-1135-442-A <con *1-566-054-11="" *1-566-057-11<="" td=""><td>B BOARD, CO</td><td>MPLETE *****</td><td></td><td></td><td>C136 C137 C138 C139</td><td>1-101-006-00 1-126-101-11 1-126-101-11 1-123-356-00 1-123-356-00</td><td>CERAMIC ELECT ELECT ELECT ELECT</td><td>0.047MF 100MF 100MF 10MF</td><td>20% 20% 20% 20%</td><td>50V 10V 10V 16V 16V</td></con>	B BOARD, CO	MPLETE *****			C136 C137 C138 C139	1-101-006-00 1-126-101-11 1-126-101-11 1-123-356-00 1-123-356-00	CERAMIC ELECT ELECT ELECT ELECT	0.047MF 100MF 100MF 10MF	20% 20% 20% 20%	50V 10V 10V 16V 16V
B1 B2 B4 B5 B6	*1-566-055-11 *1-566-059-11 *1-566-056-11	PIN, CONNECT PIN, CONNECT PIN, CONNECT	TOR 2P TOR 5P TOR 3P TOR 7P TOR 4P			C141 C150 C161 C162 C167	1-123-330-00 1-123-379-00 1-123-333-00 1-123-321-00 1-101-004-00	ELECT ELECT ELECT ELECT CERAMIC	22MF 0.47MF 100MF 220MF 0.01MF		16V 50V 25V 16V 50V
B7 B8 B9 B10 B11	*1-566-058-11 *1-566-059-11 *1-566-061-11 *1-566-065-11 *1-566-061-11	PIN, CONNECT	FOR 6P FOR 7P FOR 9P FOR 13P FOR 9P			C168 C169 C170 C171 C173	1-123-356-00 1-123-356-00		10MF 10MF	20% 20% 20%	16 V 25 V 50 V 16 V 50 V
B13 B14 B15 B16 B17	*1-566-054-11 *1-566-057-11 *1-508-766-00 *1-566-056-11 *1-566-054-11	PIN, CONNECT PIN, CONNECT PIN, CONNECT PIN, CONNECT PIN, CONNECT	TOR 2P TOR 5P TOR (5MM PIT TOR 4P TOR 2P	'CH) 4P		C174 C175 C177 C178	1-101-004-00 1-101-006-00 1-119-354-00 1-101-004-00 1-101-006-00	CERAMIC CERAMIC ELECT CERAMIC CERAMIC	0.01MF 0.047MF 330MF 0.01MF		
B18 B19 B20 B21	*1-566-065-11 *1-566-061-11 *1-566-054-11 *1-566-057-11 *1-508-766-00 *1-566-056-11 *1-566-054-11 *1-566-055-11 *1-566-058-11 *1-566-058-11 *1-566-054-11	PIN, CONNECT PIN, CONNECT PIN, CONNECT PIN, CONNECT	TOR 3P TOR 5P TOR 6P TOR 2P			C180 C181 C182 C183 C185	1-126-101-11 1-123-332-00 1-101-006-00 1-119-352-00 1-126-101-11	ELECT	100MF	20% 20%	10 V 16 V 50 V 10 V
C101 C103	CAP 1-123-356-00 1-102-973-00 1-123-306-00 1-136-161-00 1-102-963-00	ACITOR> ELECT CERAMIC	10MF 100PF	20% 5%	16V 50V	C186 C187 C301	1-123-356-00 1-123-330-00 1-123-333-00 1-101-888-00 1-123-369-00				16V 16V 16V
C104 C105 C106	1-123-306-00 1-136-161-00 1-102-963-00	ELECT FILM CERANIC	47MF 0.047MF 33PF	20% 5% 5%	10V 50V 50V						50 V 25 V
C107 C108 C110 C112 C113	1-102-963-00 1-102-978-00 1-123-333-00 1-123-335-00 1-124-963-11	CERAMIC CERAMIC ELECT ELECT	33PF 220PF 100MF 330MF 33MF	5% 5% 20% 20% 20%	50V 50V 25V 25V 16V	C306 C307 C308	1-123-356-00 1-130-477-00 1-101-006-00 1-101-006-00 1-123-381-00	CERAMIC CERAMIC ELECT	2.2MF	20%	16V 50V 50V 50V 50V
C114 C115 C116 C118 C119		ELECT ELECT CERAMIC	100MF 100MF 0.047MF 0.01MF	20%	25V 16V 50V 50V	C309 C310 C311 C312 C313	1-102-946-00 1-123-356-00 1-136-157-00 1-136-157-00 1-102-074-00	CERAMIC BLECT FILM FILM CERAMIC	9PF 10MF 0.022MF 0.022MF 0.001MF	0.5PF 20% 5% 5% 10%	50V 16V 50V 50V 50V
C120 C123 C125 C126 C127	1-123-330-00 1-123-330-00 1-101-006-00 1-123-380-00 1-123-380-00 1-123-380-00			20% 20% 20% 20% 20%	25V 50V 50V 50V 50V	C315 C316 C317	1-101-006-00 1-101-006-00 1-136-169-00 1-102-074-00 1-101-006-00	CERANIC CERANIC FILM CERANIC CERANIC	0.047MF 0.047MF 0.22MF 0.001MF 0.047MF	5% 10%	50V 50V 50V 50V 50V
C128 C131 C133 C134 C135	1-123-380-00 1-130-475-00 1-123-380-00 1-123-380-00	ELECT MYLAR ELECT ELECT ELECT	1MF 0.0022MF 1MF 1MF 2.2MF	20% 5% 20% 20% 20%	50V 50V 50V 50V 50V 50V	C324 C325 C326	1-124-464-11 1-124-464-11 1-123-333-00 1-124-464-11 1-102-111-00	BLECT BLECT BLECT BLECT CERANIC	0.22MF 0.22MF 100MF 0.22MF 270PF	20% 20% 20% 20% 10%	50V 50V 16V 50V 50V



REF.NO. PART NO.	DESCRIPTIO	NC		REMARK	REF. NO	. PART NO.	DESCRIPTIO	N		REMARK
C330 1-101-006-00 C331 1-123-380-00 C332 1-136-161-00 C333 1-102-959-00 C334 1-123-380-00	CERAMIC ELECT FILM CERAMIC ELECT	0.047MF 1MF 0.047MF 22PF 1MF	20% 5% 5% 20%	50V	C1305	1-136-161-00 1-123-380-00 1-123-356-00 1-123-380-00 1-123-380-00 1-123-380-00	FILM	0.047MF		50V 50V 25V 50V 50V
C335 1-126-101-11 C336 1-124-963-11 C337 1-102-112-00 C341 1-123-380-00 C346 1-123-380-00	ELECT ELECT CERAMIC ELECT ELECT	100MF 33MF 330PF 1MF 1MF	20% 20% 10% 20% 20%	50V	C1319 C1320 C1321 C1322 C1323	1-123-382-00	ELECT ELECT ELECT CERAMIC ELECT	1MF 3.3MF 10MF 0.01MF	20% 20% 20% 20%	50 V 50 V 25 V 50 V 25 V
C347 1-102-111-00 C350 1-123-356-00 C351 1-102-074-00 C352 1-101-361-00 C353 1-102-959-00	CERAMIC ELECT CERAMIC CERAMIC CERAMIC	270PF 10MF 0.001MF 150PF 22PF	10% 20% 10% 5%	50V 16V 50V 50V 50V		1-101-006-00 1-101-006-00 1-123-382-00 1-136-153-00	ELECT CERAMIC CERAMIC ELECT FILM		20% 20%	50V 50V 50V 50V 50V
C354 1-123-380-00 C355 1-101-005-00 C360 1-136-153-00 C381 1-102-074-00 C382 1-123-332-00	ELECT CERAMIC FILM CBRAMIC ELECT	1MF 0.022MF 0.01MF 0.001MF 47MF	20% 5% 10% 20%	50V 50V 50V 50V 16V	1 11334	1-101-004-00 1-130-479-00 1-136-161-00 1-136-153-00 1-130-479-00 1-136-161-00			555555555555555555555555555555555555555	50V 50V 50V 50V 50V
C402 1-136-167-00 C404 1-136-165-00 C405 1-102-961-00 C406 1-101-890-00 C408 1-123-356-00	FILM FILM CERAMIC CERAMIC ELECT	0.15MF 0.1MF 27PF 75PF 10MP	5% 5% 5% 5% 20%	50V 50V 50V 50V 16V		1-136-161-00 1-136-161-00 1-136-153-00 1-130-479-00 1-123-356-00 1-123-332-00 1-102-973-00			5%	50V 50V 50V 25V 16V
C410 1-123-356-00 C411 1-136-161-00 C412 1-102-119-00 C413 1-123-380-00 C414 1-136-173-00	ELECT FILM CERAMIC ELECT FILM			50V 50V 50V 50V 50V		1-102-973-00 1-136-157-00 1-123-379-00 1-136-165-00 1-123-380-00 1-123-369-00			5% 20%	50 V 50 V 50 V 50 V 50 V 50 V
C415 I-101-005-00 C416 I-123-356-00 C417 I-123-356-00 C418 I-108-634-11 C419 I-123-380-00	CBRAMIC BLECT BLBCT MYLAR ELBCT	0.022MF 10MF 10MF 0.047MF 1MF	20% 20% 10% 20%	50V 16V 16V 100V 50V	C1359 C1360 C1361	1-102-820-00 1-102-820-00 1-102-129-00	CERAMIC CERAMIC CERAMIC			50 V 50 V 50 V 50 V 50 V
C420 1-101-890-00 C421 1-102-961-00 C423 1-136-165-00 C424 1-123-356-00 C425 1-101-361-00	CERAMIC CERAMIC FILM ELECT CERAMIC	75PF 27PF 0.1MF 10MF 150PF	5% 5% 20% 5%	50V 50V 50V 16V 50V	C1391	1-130-475-00 1-101-004-00 1-123-356-00 1-123-356-00 1-101-004-00	ELECT ELECT	0.0022AF 0.01MF 10MF 0.01MF		50 V 16 V 16 V 50 V
C426 1-136-153-00 C427 1-101-006-00 C428 1-102-121-00 C429 1-136-161-00 C430 1-102-816-00	FILM CERAMIC CERAMIC FILM	0.01MF 0.047MF 0.0022MF	5% 10%	50V 50V 50V 50V 50V	CP105	. <com 1-232-096-00</com 	POSITION CIRC	CUIT BLOCK>	CK	
C434 1-102-112-00 C452 1-136-169-00 C453 1-123-333-00 C454 1-102-963-00 C466 1-102-115-00	FILM ELECT CERAMIC	330PF 0.22MF 100MF 33PF 560PF	10% 5% 20% 5% 10%	50V 50V 16V 50V 50V	F 	<tri 1-141-181-11="" 1-141-181-11<="" td=""><td>MMER></td><td></td><td></td><td></td></tri>	MMER>			
C470 1-123-333-00 C472 1-123-381-00 C473 1-102-978-00 C474 1-102-944-00 C475 1-102-944-00	ELECT CERAMIC CERAMIC	100 MF 2.2 MF 220 PF 7 PF 7 PF	20% 20% 5% 0.5PF 0.5PF	16V 50V 50V 50V	D101 D102 D103 D104	<pre></pre>		S-B2		
C476 1-102-944-00 C477 1-102-944-00 C481 1-108-614-11 C482 1-102-820-00 C484 1-136-165-00	CERAMIC MYLAR CERAMIC	7PF 7PF 0.001NF 330PF 0.1MF	0.5PF 0.5PF 10% 5%	50 V 50 V 100 V 50 V 50 V	D108 D110 D111 D112	8-719-911-19 8-719-911-19 8-719-110-08 8-719-911-19 8-719-911-19	DIODE 188119	S-B2		
C486 1-102-980-00 C1301 1-101-004-00 C1302 1-124-767-00 C1304 1-123-356-00	CERAMIC Elect	270PF 0.01MF 2.2MF 10MF	5% 20% 20%	50V 50V 50V 16V	D113 D114 D115 D116	8-719-911-19 8-719-911-19 8-719-109-84 8-719-109-90	DIODE 155119 DIODE RD5.1E	S-BI		



REPAIR PART NO. DESCRIPTION REMARK REPAIR REPAIR RESCRIPTION REMARK REPAIR	REF.NO	PART NO.	DESCRIPTIO	<u>N</u>		REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
R110 1 249-437-11 CARBON 47K 5% 1/4W R111 1 249-437-11 CARBON 47K 5% 1/4W R114 1 -249-437-11 CARBON 47K 5% 1/4W R116 1 -249-414-11 CARBON 560 5% 1/4W R117 1 -249-429-11 CARBON 560 5% 1/4W R181 1 -249-429-11 CARBON 10K 5% 1/4W R181 1 -249-429-11 CARBON 10K 5% 1/4W R181 1 -249-429-11 CARBON 10K 5% 1/4W R181 1 -249-439-11 CARBON 10K 5% 1/4W R181 1 -249-439-11 CARBON 33K 5% 1/4W R181 1 -249-439-11 CARBON 10K 5% 1/4W R181 1 -249-439-11 CARBON 33K 5% 1/4W R181 1 -249-439-11 CARBON 10K 5% 1/4W R181 1 -249-439-11 CARBON 10K 5% 1/4W R181 1 -249-439-11 CARBON 10K 5% 1/4W R181 1 -249-417-11 CARBON 1 K 5% 1/4W R121 1 -215-867-00 METAL OXIDE 470 5% 1W F R182 1 -249-417-11 CARBON 1 K 5% 1/4W R123 1 -216-357-00 METAL OXIDE 4.7 5% 1W F R188 1 -249-417-11 CARBON 1 K 5% 1/4W R123 1 -249-433-11 CARBON 22K 5% 1/4W R181 1 -249-417-11 CARBON 1 K 5% 1/4W R124 1 -249-433-11 CARBON 1 K 5% 1/4W R125 1 -249-433-11 CARBON 1 CARBON 1 K 5% 1/4W R189 1 -249-417-11 CARBON 1 K 5% 1/4W R189 1 -249-417-11 CARBON 1 K 5% 1/4W R189 1 -249-417-11 CARBON 1 K 5% 1/4W R189 1 -249-417-11 CARBON 1 K 5% 1/4W R126 1 -249-431-11 CARBON 1 K 5% 1/4W R127 1 -249-417-11 CARBON 1 K 5% 1/4W R127 1 -249-417-11 CARBON 1 K 5% 1/4W R128 1 -249-431-11 CARBON 1 K 5% 1/4W R128 1 -249-434-11 CARBON 1 K 5% 1/4W R128 1 -249-434-11 CARBON 1 K 5% 1/4W R128 1 -249-434-11 CARBON 1 K 5% 1/4W R128 1 -249-434-11 CARBON 1 K 5% 1/4W R128 1 -249-434-11 CARBON 27K 5% 1/4W R191 1 -249-417-11 CARBON 1 K 5% 1/4W R128 1 -249-434-11 CARBON 27K 5% 1/4W R192 1 -249-417-11 CARBON 1 K 5% 1/4W R128 1 -249-434-11 CARBON 27K 5% 1/4W R192 1 -249-417-11 CARBON 1 K 5% 1/4W R128 1 -249-434-11 CARBON 27K 5% 1/4W R192 1 -249-417-11 CARBON 1 K 5% 1/4W R128 1 -249-434-11 CARBON 27K 5% 1/4W R192 1 -249-417-11 CARBON 1 K 5% 1/4W R128 1 -249-434-11 CARBON 27K 5% 1/4W R192 1 -249-417-11 CARBON 1 K 5% 1/4W R128 1 -249-434-11 CARBON 27K 5% 1/4W R192 1 -249-417-11 CARBON 1 K 5% 1/4W R192 1 -249-417-11 CARBON 1 K 5% 1/4W R192 1 -249-417-11 CARBON 1 K 5% 1/4W R192 1 -249-417-11 CARBON 1 K 5% 1/4W R192 1 -249-417	Q355 Q357 Q358 Q361 Q362	8-729-119-78 8-729-119-76 8-729-900-36 8-729-119-76 8-729-119-76	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SC2785-HFE 2SA1175-HFE DTC124ES 2SA1175-HFE 2SA1175-HFE			R130 R131 R132 R133	1-247-706-11 1-249-409-11 1-249-409-11 1-249-421-11	CARBON CARBON CARBON CARBON	330 220 220 2.2K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W	
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R114 1-249-437-11 CARBON 47K 5% 1/4W R116 1-249-414-11 CARBON 560 5% 1/4W R117 1-249-429-11 CARBON 10K 5% 1/4W R118 1-249-429-11 CARBON 10K 5% 1/4W R118 1-249-429-11 CARBON 10K 5% 1/4W R119 1-249-429-11 CARBON 10K 5% 1/4W R121 1-215-867-00 METAL OXIDE 470 5% 1W F R122 1-249-417-11 CARBON 1K 5% 1/4W R123 1-216-357-00 METAL OXIDE 4.7 5% 1/W R124 1-249-433-11 CARBON 1K 5% 1/4W R125 1-249-433-11 CARBON 22K 5% 1/4W R126 1-249-435-11 CARBON 33K 5% 1/4W R127 1-249-431-11 CARBON 33K 5% 1/4W R128 1-249-431-11 CARBON 1K 5% 1/4W R128 1-249-431-11 CARBON 1K 5% 1/4W R128 1-249-431-11 CARBON 1K 5% 1/4W R128 1-249-431-11 CARBON 1K 5% 1/4W R128 1-249-431-11 CARBON 1K 5% 1/4W R128 1-249-431-11 CARBON 1K 5% 1/4W R128 1-249-431-11 CARBON 1K 5% 1/4W R128 1-249-431-11 CARBON 1K 5% 1/4W R128 1-249-434-11 CARBON 1K 5% 1/4W R128 1-249-434-11 CARBON 1K 5% 1/4W R128 1-249-434-11 CARBON 1K 5% 1/4W R128 1-249-434-11 CARBON 1K 5% 1/4W R128 1-249-434-11 CARBON 1K 5% 1/4W R128 1-249-434-11 CARBON 1K 5% 1/4W R129 1-249-417-11 CARBON 1K 5% 1/4W R128 1-249-434-11 CARBON 1K 5% 1/4W R129 1-249-417-11 CARBON 1K 5% 1/4W R129 1-249-417-11 CARBON 1K 5% 1/4W R120 1-249-417-11 CARBON 1K 5% 1/4W R121 1-249-434-11 CARBON 1K 5% 1/4W R128 1-249-434-11 CARBON 1K 5% 1/4W R129 1-249-417-11 CARBON 1K 5% 1/4W R129 1-249-417-11 CARBON 1K 5% 1/4W R129 1-249-417-11 CARBON 1K 5% 1/4W R129 1-249-417-11 CARBON 1K 5% 1/4W	R107 R108 R109 R110	1-249-413-11 1-249-411-11 1-249-441-11 1-249-433-11 1-249-465-11	CARBON CARBON CARBON CARBON CARBON	330 5% 100K 5% 22K 5% 47K 5%	1/4W 1/4W 1/4W 1/4W		WILL	1 447 433 11	CARDON	461	5% 5% 5%	1/ 4#	
R118 1-249-429-11 CARBON 10K 5% 1/4W R183 1-249-433-11 CARBON 33K 5% 1/4W R181 1-249-439-11 CARBON 10K 5% 1/4W R181 1-215-867-00 METAL OXIDE 470 5% 1W F R122 1-249-417-11 CARBON 1K 5% 1/4W R123 1-216-357-00 METAL OXIDE 4.7 5% 1W F R186 1-249-417-11 CARBON 1K 5% 1/4W R124 1-249-433-11 CARBON 22K 5% 1/4W R188 1-249-417-11 CARBON 1K 5% 1/4W R181 1-249-437-11 CARBON 1K 5% 1/4W R182 1-249-431-11 CARBON 33K 5% 1/4W R188 1-249-417-11 CARBON 1K 5% 1/4W R189 1-249-417-11 CARBON 1K 5% 1/4W R189 1-249-417-11 CARBON 1K 5% 1/4W R181 1-249-431-11 CARBON 1K 5% 1/4W R181 1-249-431-11 CARBON 1K 5% 1/4W R181 1-249-431-11 CARBON 1K 5% 1/4W R190 1-249-417-11 CARBON 1K 5% 1/4W R190 1-249-41	R114	1-249-437-11	CARBON	47K 5% 47K 5% 560 5%	1/4W		R179	1-249-425-11	CARBON	4.7K		1/4W	
R121 1-215-867-00 METAL OXIDE 470 5% 1W F R122 1-249-417-11 CARBON 1K 5% 1/4W R123 1-216-357-00 METAL OXIDE 4.7 5% 1W F R124 1-249-433-11 CARBON 22K 5% 1/4W R124 1-249-433-11 CARBON 33K 5% 1/4W R125 1-249-435-11 CARBON 33K 5% 1/4W R126 1-249-431-11 CARBON 15K 5% 1/4W R127 1-249-417-11 CARBON 1K 5% 1/4W R128 1-249-417-11 CARBON 1K 5% 1/4W R128 1-249-417-11 CARBON 1K 5% 1/4W R128 1-249-431-11 CARBON 1K 5% 1/4W R128 1-249-431-11 CARBON 1K 5% 1/4W R128 1-249-431-11 CARBON 1K 5% 1/4W R128 1-249-431-11 CARBON 1K 5% 1/4W R128 1-249-434-11 CARBON 27K 5% 1/4W R129 1-249-417-11 CARBON 1K 5% 1/4W R120 1-249-417-11 CARBON 1K 5% 1/4W R121 1-249-434-11 CARBON 1K 5% 1/4W R128 1-249-434-11 CARBON 27K 5% 1/4W R190 1-249-417-11 CARBON 1K 5% 1/4W	R117 R118	1-249-429-11 1-249-429-11	CARBON CARBON	10K 5%	1/4W 1/4W		R182 R183 R184	1-249-426-11 1-249-433-11 1-249-435-11	CARBON CARBON CARBON	5.6K 22K 33K	5% 5% 5%	1/4W 1/4W 1/4W	
R126 1-249-431-11 CARBON 15K 5% 1/4W R127 1-249-417-11 CARBON 1K 5% 1/4W R191 1-249-414-11 CARBON 56O 5% 1/4W R128 1-249-434-11 CARBON 27K 5% 1/4W R192 1-249-417-11 CARBON 1K 5% 1/4W	R121 R122 R123	1-215-867-00 1-249-417-11 1-216-357-00	METAL OXIDE CARBON METAL OXIDE	10K 5% 470 5% 1K 5% 4.7 5% 22K 5%	1W F 1/4W 1W F	1	R186 R187 R188	1-249-417-11 1-249-417-11 1-249-417-11	CARBON CARBON CARBON	1K 1K 1K		1/4W 1/4W 1/4W	
DIOC 4 A SERVICE A GIRDON A AN MON A CAN SERVICE A GIRDON A AN MAN A CAN	R126 R127 R128	I-249-431-11 I-249-417-11 I-249-434-11	CARBON CARBON	33K 5% 15K 5% 1K 5% 27K 5%	1/4W 1/4W 1/4W		R190 R191 R192	I-249-417-11 1-249-414-11 1-249-417-11	CARBON CARBON CARBON	1K 560 1K		1/4W 1/4W 1/4W	



REF.NO. PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION		REMARI
D117 8-719-911-19 D118 8-719-911-19	DIODE 1SS119 DIODE 1SS119			<001		100195	
D120 8-719-911-19 D121 8-719-911-19 D123 8-719-911-19	DIODE 1SS119 DIODE 1SS119		L101 L104 L105 L161	1-408-424-00 1-408-424-00 1-408-159-00	INDUCTOR INDUCTOR COIL, SPOOK	1800H 1800H 1800H CHOKE 3.30H	
D124 8-719-911-19 D125 8-719-911-19 D126 8-719-109-96 D127 8-719-109-96	DIODE 1SS119 DIODE 1SS119 DIODE RD6.8ES-B1 DIODE RD6.8ES-B1		L333 L337 L405	1-408-416-00 1-408-160-00 1-404-496-00	INDUCTOR INDUCTOR COIL	39UH 15MMH	
D305 8-719-911-19 D306 8-719-911-19 D307 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119		L406 L420 L421	1-408-411-00 1-408-411-00 1-404-496-00	INDUCTOR INDUCTOR COIL	15UH 15UH	
D308 8-719-911-19 D309 8-719-911-19 D334 8-719-110-17	DIODE 1SS119 DIODE 1SS119 DIODE RD10&S-B2		L430 L431 L432 L435	1-408-245-00 1-408-414-00 1-410-476-11 1-408-406-00	I NDUCTOR I NDUCTOR I NDUCTOR I NDUCTOR	22MMH 27UH 33UH 5.6UH	
D335 8-719-911-19 D339 8-719-911-19 D340 8-719-911-19 D341 8-719-911-19 D342 8-719-110-17	DESCRIPTION DIODE ISS119 DIODE ISS119 DIODE ISS119 DIODE ISS119 DIODE ISS119 DIODE ISS119 DIODE ISS119 DIODE ISS119 DIODE RD6. 8ES-B1 DIODE RD6. 8ES-B1 DIODE ISS119 DIODE RD10ES-B2 DIODE RD10ES-B2		L451 L452 L455	1-404-495-00 1-404-495-00 1-408-163-00	COIL COIL INDUCTOR	5.6MMH	
D343 8-719-110-17 D344 8-719-110-17	DIODE RD10ES-B2			<10	LINK>		
D345 8-719-911-19 D351 8-719-911-19 D354 8-719-911-19	DIODE RDIOES-B2 DIODE RDIOES-B2 DIODE RDIOES-B2 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119		PS1 PS2	1-532-605-00 1-532-637-00	LINK, IC (ICE LINK, IC	'-N10)	
D361 8-719-911-19 D362 8-719-911-19	DIODE 1SS119 DIODE 1SS119			<tra< td=""><td>NSISTOR></td><td></td><td></td></tra<>	NSISTOR>		
D391 8-719-911-19 D392 8-719-911-19 D401 8-719-911-19	DIODE 1SS119 DIODE 1SS119		Q101 Q102 Q103 Q104	8-729-119-76 8-729-119-76 8-729-119-78 8-729-119-78	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	A1175-HFE A1175-HFE C2785-HFE C2785-HFE	
D442 8-719-911-19 D443 8-719-911-19 D444 8-719-911-19	DIODE 155119 DIODE 155119 DIODE 155119		0105	8-729-119-78	TRANSISTOR 25	C2785-HFE	
D445 8-719-911-19 D450 8-719-911-19	DIODE 15S119 DIODE 15S119	1 1 1 1 1 8	0108 0109 0110	8-729-119-78 8-729-119-76 8-729-119-76	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	C2785-HFE A1175-HFE A1175-HFE	
D454 8-719-911-19 D457 8-719-911-19	DIODE ISSII9		0112	8-729-140-97	TRANSISTUR 2S	6734-34 C2785-HFE	
<del <="" td=""><td>AY LINE></td><td>1 0 1 1 1 1 2</td><td>Q113 Q114 Q115</td><td>8-729-119-78 8-729-119-78 8-729-900-36</td><td>TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR DT TRANSISTOR DT</td><td>C2785-HFE C2785-HFE C124ES</td><td></td>	AY LINE>	1 0 1 1 1 1 2	Q113 Q114 Q115	8-729-119-78 8-729-119-78 8-729-900-36	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR DT TRANSISTOR DT	C2785-HFE C2785-HFE C124ES	
DL401 1-415-380-11	DELAY LINE, Y		Q117	8-729-119-78	TRANSISTOR 2S	C2785-HFE	
<1C>			Q118 Q119 Q121	8-729-119-76 8-729-119-76 8-729-133-42	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	A1175-HFE A1175-HFE C2334-	
	IC CXK1005P		*	4-363-146-00	HEAT SINK, V.	OUT; Q121	
ICIO4 8-759-182-43	IC UPD6326C IC UPD8243C(M) IC TD62381P	İ	Q123 Q301	8-729-119-78 8-729-119-76	TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25	C2785-HFE A1175-HFE	
IC107 8-759-207-07 IC110 8-759-140-66	IC UPD4066BC				TRANSISTOR 25		
*4-363-146-00	IC M5F7805 HEAT SINK, V.OUT; IC121 IC RC7812FA		Q315 Q316	8-729-119-78 8-729-119-78	TRANSISTOR 2SI TRANSISTOR 2SI TRANSISTOR 2SI TRANSISTOR 2SI	C2785-HFE C2785-HFE	
IC301 8-752-030-86	HEAT SINK, PIN OUT; IC122 IC CXA1001AP IC CXA1024S		Q322	8-729-119-78	TRANSISTOR 250	C2785-HFE	
IC311 8-759-240-73 IC401 8-751-750-00	IC TC4073BP IC CX-175		Q331 Q341 Q342	8-729-119-78 8-729-119-78 8-729-119-78	TRANSISTOR 2SO TRANSISTOR 2SO TRANSISTOR 2SO TRANSISTOR 2SO	C2785-HFE C2785-HFE C2785-HFE	
IC411 8-759-135-80 IC412 8-759-140-66			Q353		TRANSISTOR 250 TRANSISTOR 250		
		- 1			TRANSISTOR DTC		•



REF.N	O. PART NO.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
R445 R446 R447 R448 R449	1-249-393-11	CARBON CARBON CARBON CARBON CARBON	15K 1K 560 10	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1314 R1315 R1316	1-247-725-11 1-249-429-11 1-249-435-11 1-249-435-11 1-249-417-11	CARBON	10K 10K 33K 33K 1K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R450 R451 R452 R453 R454	1-249-420-11 1-249-393-11 1-249-419-11	CARBUN	1.5K 1.8K 10 1.5K 1.5K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1318 R1319 R1320 R1322	1-249-417-11 1-249-417-11 1-249-409-11 1-249-433-11 1-249-429-11	CARBON CARBON CARBON CARBON	1K	5 55555	1/4W 1/4W 1/4W 1/4W 1/4W	
R456 R457 R458 R460 R461	1-249-435-11 1-249-425-11	CARBUN	220 33K 4.7K 39K 15K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1324	1-249-435-11 1-249-409-11 1-249-409-11 1-247-903-00 1-249-417-11		33K 220 220 1M 1K 470K		1/4W 1/4W 1/4W 1/4W 1/4W	
R462 R463 R464 R465 R466	1-249-421-11 1-249-422-11 1-249-409-11 1-249-435-11 1-247-721-11	CARBON CARBON CARBON CARBON	2.2K 2.7K 220 33K 4.7K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1329 R1330 R1331 R1332 R1333	1-247-895-00	CARBON CARBON CARBON CARBON CARBON CARBON CARBON	470K 1K 5.6K 47K 1.2K 10K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R467 R468 R470 R471 R472	1-247-866-11 1-249-429-11 1-249-420-11 1-249-425-11 1-249-420-11 1-249-425-11	CARBON CARBON CARBON CARBON	30K 10K 1.8K 4.7K 1.8K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1335 R1337 R1339 R1340	1-249-429-11 1-249-409-11 1-249-405-11 1-249-414-11 1-249-409-11 1-249-437-11	CARBON CARBON CARBON CARBON		5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	·
R474 R475 R476 R477	1-249-417-11 1-249-405-11 1-249-416-11 1-249-413-11 1-249-421-11	CARBON CARBON CARBON CARBON	470	5% 5% 5%	1/4W 1/4W 1/4W 1/4W		R1342 R1344 R1345 R1347	1-249-405-11 1-247-834-11 1-249-409-11 1-249-405-11 1-249-414-11	CARBON CARBON CARBON CARBON	100 1.3K 220 100 560	59	1/4W 1/4W 1/4W 1/4W 1/4W	
R479 R480 R481 R482 R483	1-249-421-11	CARBON CARBON CARBON CARBON	2.2K 2.2K 10K 10K 2.2K		1/4W 1/4W 1/4W 1/4W		R1362 R1363 R1364 R1365	1-249-414-11 1-247-901-11 1-249-424-11 1-249-437-11 1-249-422-11	CARBON CARBON CARBON CARBON	560 820K 3.9K 47K 2.7K		1/4W 1/4W 1/4W 1/4W 1/4W	
R484 R485 R486 R487	1-249-433-11	CARBON CARBON CARBON CARBON	2.2K 22K 1K 33K 33K 33K					1-202-730-00 1-249-411-11 1-249-413-11 1-249-409-11 1-249-413-11			10% 5% 5% 5%	1/2W 1/4W 1/4W 1/4W 1/4W	
R1100	1-249-405-11 1-249-437-11 1-249-429-11 1-249-431-11	CARBON CARBON CARBON CARBON CARBON	33K 100 47K 10K 15K		1/4W 1/4W 1/4W		R1375 R1376 R1377 R1378	1-249-425-11 1-247-889-00 1-249-434-11 1-249-410-11	CARBON CARBON CARBON CARBON CARBON			1/4W 1/4W 1/4W 1/4W 1/4W	
R1107 R1108 R1109 R1110	1-249-437-11 1-249-405-11 1-249-429-11 1-249-421-11 1-249-437-11	CARBON CARBON CARBON CARBON	47K 100 10K 2.2K 47K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W		R1382 R1383 R1384	1-249-419-11 1-249-411-11	CARBON CARBON CARBON CARBON CARBON	27K 3.9K 1.5K 330	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R1112 R1113 R1115 R1115	1-249-409-11 1-249-393-11 1-249-425-11 1-247-704-11	CARBON CARBON CARBON CARBON	100K 220 10 4.7K 220	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W		R1388 R1389 R1390	1-249-425-11 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	2.2K 4.7K 10K 2.2K 22K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R1305 R1306 R1307 R1308	1-247-704-11 1-247-704-11 1-249-429-11 1-247-704-11	CARBON CARBON CARBON CARBON	220 220 220 10K 220	5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W	·	R1403 R1404 R1405	1-249-433-11 1-249-433-11 1-249-437-11	CARBON CARBON CARBON CARBON CARBON	22K 22K 22K 47K 47K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	. •
R1310 R1311 R1312	1-249-409-11	CARBON CARBON CARBON	15K 220 82K	5% 5% 5% 5%	1/4W 1/4W 1/4W	1			CARBON CARBON	47K 47K	5% 5%	1/4W 1/4W	



REF.NO.	PART NO.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
R194 R195	1-249-423-11 1-249-421-11	CARBON	3.3K 2.2K 560	5% 5%	1/4W 1/4W		1	1-249-428-11		8.2K		1/4W	
R196 R197 R198	1-249-414-11 1-249-421-11 1-249-405-11	CARBON CARBON CARBON	560 2.2K 100	5% 5% 5%	1/4W 1/4W 1/4W		R370 R371 R372	1-249-419-11 1-249-435-11 1-249-441-11	CARBON CARBON	1.5K 33K 100K	5%	1/4W 1/4W 1/4W	
R199 R303	1-249-417-11 1-249-469-11	CARBON CARBON	1K 100K		1/4W 1/4W		R373 R374	1-249-435-11 1-249-435-11	CARBON	33K 33K		1/4W 1/4W	
R304 R305 R306	1-249-436-11 1-247-883-00 1-249-435-11	CARBON CARBON CARBON	1 K 100 K 39 K 150 K 33 K	5% 5% 5%	1/4W 1/4W 1/4W		R375 R377 R378	1-249-423-11 1-249-412-11 1-249-414-11	CARBON	3.3K 390 560	5%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/4W 1/4W 1/4W	
R308 R310	1-249-409-11 1-249-462-11	CARBON CARBON	220 22K		1/4W 1/4W		R379 R380	1-249-429-11 1-249-437-11	CARBON	10K 47K	5% 5%	1/4W 1/4W	
R311 R312 R313	1-249-439-11 1-249-439-11 1-249-421-11	CARBON CARBON CARBON	68K 68K 2.2K	5% 5% 5% 5%	1/4W 1/4W 1/4W		R381 R382 R383	1-249-440-11 1-249-438-11 1-247-889-00	CARBON	82K 56K 270K	5% 5% 5% 5%	1/4W 1/4W 1/4W	
R314 R315	1-249-409-11 1-249-433-11	CARBON CARBON	220 22K		1/4W 1/4W		R384 R385	1-249-425-11	CARBON CARBON	4.7K 560	5% 5%	1/4W 1/4W	
R316 R317	1-249-435-11 1-249-421-11	CARBON CARBON	33K 2.2K	5% 5% 5% 5%	1/4W 1/4W 1/4W		R386 R387	1-249-429-11	CARBON	10K 1K 390K	5% 5%	1/4W 1/4W	
R318	1-249-409-11 1-249-433-11	CARBON	220 22K		1/4W		R388 R389 R390	1-247-893-11 1-249-433-11 1-249-433-11	CARBON CARBON	22K 22K	5% 5% 5% 5%	1/4W 1/4W 1/4W	
R320 R321 R322	1-249-435-11 1-249-435-11 1-249-429-11	CARBON CARBON CARBON	33K 33K 10K	5% 5% 5% 5%	1/4W 1/4W 1/4W		R391 R392	1-249-437-11 1-249-431-11	CARBON	47K 15K	5% 5%	1/4W 1/4W	
R323 R324	1-249-441-11	CARBON CARBON	100K		1/4W 1/4W		R393 R394 R395	1-249-435-11 1-249-429-11 1-247-895-00	CARBON CARBON CARBON	33K 10K 470K	5% 5% 5% 5%	1/4W 1/4W 1/4W	
R326 R327 R328	1-249-441-11 1-249-423-11 1-249-423-11	CARBON CARBON	100K 3.3K 3.3K	5% 5% 5% 5%	1/4W 1/4W 1/4W		R396 R398	1-249-419-11 1-249-420-11	CARBON	1.5K 1.8K	5% 5%	1/4W 1/4W	
R329 R330	1-249-423-11 1-249-417-11	CARBON	3.3K	5%	1/4W 1/4W		R401 R402 R403	1-249-412-11 1-247-717-11 1-249-427-11	CARBON CARBON CARBON	390 2.2K 6.8K	5% 5% 5% 5%	1/4W 1/4W 1/4W	
R331 R332 R333	1-247-903-00 1-247-889-00 1-249-414-11	CARBON CARBON	1M 270K 560	5% 5% 5% 5%	1/4W 1/4W 1/4W		R404 R406	1-249-429-11 1-249-412-11	CARBON	10K 390	5% 5%	1/4W 1/4W	
R334 R335	1-247-883-00 1-249-413-11	CARBON CARBON	150K 470		1/4W 1/4W		R410 R411 R412	1-249-422-11	CARBON CARBON CARBON	2.7K 680K 1K	5% 5% 5% 5%	1/4W 1/4W 1/4W	
R336 R337 R338	1-249-409-11 1-249-427-11 1-249-421-11	CARBON CARBON CARBON	220 6.8K 2.2K	5% 5% 5% 5%	1/4W 1/4W 1/4W		R413	1-249-425-11 1-249-438-11	CARBON CARBON	4.7K 56K	5% 5%	1/4W 1/4W	
R339 R340	1-249-417-11	CARBON	1K		1/4W 1/4W		R415	1-249-429-11	CARBON CARBON	56K 10K 3.9K 10K	5% 5% 5%	1/4V 1/4V 1/4V	
R341 R342 R343	1-249-422-11 1-249-428-11 1-249-433-11		2.2K 2.7K 8.2K 22K	5% 5% 5% 5%	1/4W 1/4W 1/4W		į	1-249-412-11 1-249-438-11		390 56K	52	1/4V 1/4V	
R345 R346	1-249-439-11	CARBON	68K 5.6K		1/4W 1/4W		R422 R425 R426	1-249-427-11 1-249-408-11	CARBON CARBON CARBON	6.8K 180 33K	5% 5% 5%	1/49 1/49 1/49	
R350 R351	1-249-413-11 1-249-405-11 1-249-433-11	CARBON CARBON CARBON	470 100 22K	5% 5% 5% 5%	1/4W 1/4W 1/4W		R427	1-249-423-11 1-249-429-11	CARBON CARBON	3.3K 10K		1/4V 1/4V	
R352 R353	1-249-420-11	CARBON	1.8K		1/4W		R429 R430 R431	1-249-423-11 1-249-425-11	CARBON CARBON	3.3K 4.7K	5% 5% 5%	1/4/	
R354 R355 R356	1-249-435-11 1-249-433-11 1-249-437-11	CARBON CARBON CARBON	33K 22K 47K	5% 5% 5% 5%	1/4W 1/4W 1/4W		R432 R433	1-249-428-11	CARBON	8.2K	5% 5%	1/4	
R357 R358	1-249-430-11 1-249-435-11	CARBON CARBON	12K 33K		1/4W 1/4W		R434 R435 R436	1-249-418-11 1-249-417-11 1-249-421-11	CARBON CARBON CARBON	1.2K 1K 2.2K	5% 5% 5% 5%	1/40 1/40 1/40	
R359 R360 R361	1-247-883-00 1-247-708-11 1-249-417-11	CARBON CARBON CARBON	150K 470 1K	5% 5% 5%	1/4W 1/4W 1/4W		R437 R438	1-249-431-11 1-249-431-11	CARBON	15K 15K	5% 5% 5%	1/4	
R362 R363	1-249-429-11 1-249-417-11	CARBON CARBON	10K 1K	5% 5%	1/4W 1/4W		R439 R440 R441	1-249-418-11 1-249-417-11 1-249-420-11	CARBON CARBON CARBON	1.2K 1K 1.8K	5% 5% 5% 5%	1/4 1/4 1/4	
R364 R365 R366	1-249-412-11 1-247-723-11 1-247-891-00	CARBON CARBON CARBON	390 6.8K 330K	5% 5% 5%	1/4W 1/4W 1/4W		R442 R443	1-249-421-11	CARBON CARBON	2.2K 180		1/4) 1/4)	
R367	1-249-437-11	CARBON	47K	5%	1/4W			1-249-439-11	CARBON	68K	5% 5%	1/41	



REF.NO. PART NO.	DESCRIPTION	REMARK	REF.NO. PART NO.	DESCRIPTION			REMARK
R1409 1-247-704-11 R1410 1-249-421-11 R1411 1-247-725-11 R1412 1-249-429-11 R1413 1-249-421-11	CARBON 2.2K 5% 1/4	4W 4W	C608 A. 1-162-738-12 C610 1-125-222-41 C617 1-162-599-12 C618 1-102-030-00 C619 1-130-202-00	ELECT (BLOCK) CERAMIC CERAMIC	0.0047MF 330MF 0.0047MF 330PF 0.022MF	20% 20% 20% 10% 10%	400V 400V 400V 500V 400V
RV301 1-228-989-00 RV302 1-228-995-00	RES, ADJ, CARBON 22K		C620 I-124-126-00 C621 I-130-062-00 C622 I-124-929-11 C623 I-161-973-00 C624 I-161-973-00	FILM ELECT CERAMIC	47MF 0.0056MF 22MF 220PF 220PF	20% 5% 20% 10% 10%	16V 630V 100V 400V 400V
RV303 1-228-994-00 RV318 1-228-993-00 RV1301 1-228-991-00 RV1302 1-228-991-00	RES, ADJ, CARBON 10K RES, ADJ, CARBON 4.7K RES, ADJ, CARBON 2.2K RES, ADJ, CARBON 2.2K		C632 I-102-002-00 C651 I-162-115-00 C652 I-125-494-11 C653 I-126-170-11 C654 I-124-563-11	ELECT (BLOCK) ELECT	680PF 330PF 560MF 1000MF 2200MF	10% 10% 20% 20% 20%	500V 2KV 160V 50V 25V
<tra 1-404-524-11="" 1-404-584-11<="" t301="" t401="" td=""><td>NSFORMER> DAT COIL</td><td></td><td>C655 1-124-563-11 C656 1-162-318-11 C658 1-124-126-00 C659 1-102-030-00 C661 1-123-333-00</td><td>CERAMIC ELECT CERAMIC</td><td>2200MF 0.001MF 47MF 330PF 100MF</td><td>20% 10% 20% 10%</td><td>25V 500V 25V 500V 25V</td></tra>	NSFORMER> DAT COIL		C655 1-124-563-11 C656 1-162-318-11 C658 1-124-126-00 C659 1-102-030-00 C661 1-123-333-00	CERAMIC ELECT CERAMIC	2200MF 0.001MF 47MF 330PF 100MF	20% 10% 20% 10%	25 V 500 V 25 V 500 V 25 V
X101 1-567-192-11 X358 1-567-505-11	STAL> OSCILLATOR, CERAMIC OSCILLATOR, CRYSTAL OSCILLATOR, CRYSTAL		C662 1-136-601-11 C663 1-124-791-11 C664 1-124-791-11 C666 1-126-101-11 C667 1-102-121-00	ELECT ELECT ELECT	0.01MF 1MF 1MF 100MF 0.0022MF	20% 20% 20%	630V 50V 50V 10V 50V
**************************************	**************************************	*********	С668 Д. 1-136-360-51 Д. 1-136-415-51 С669 Д. 1-161-738-12	FILM	0.22MF 0.33MF 0.0047MF	(AEP, A 20% (250V US ONLY) 250V WG ONLY) 400V
C1601 1-108-692-11	ACITOR> MYLAR 0.01MF 10% NECTOR>	200V	C670 A. 1-161-738-12 C671 A. 1-161-738-12 C672 A. 1-161-738-12 C673 A. 1-161-738-12 C674 A. 1-136-360-51	CERAMIC CERAMIC	0.0047MF 0.0047MF 0.0047MF 0.0047MF 0.22MF	20% 20% 20% 20%	400V 400V 400V 400V 250V US ONLY)
FB1 *1-506-348-99 FB2 *1-508-784-00	PIN, CONNECTOR 4P PIN, CONNECTOR (5MM PITCH) 1P		A. 1-136-415-51 C676 1-126-170-11		0.33MF 1000MF	20%	250V WG ONLY) 50V
<001 L1601 I-459-407-00 <neo< td=""><td></td><td></td><td>1-136-173-00 C677 1-136-173-00 C678 1-136-415-51</td><td>FILM C</td><td>0.47MF 0.47MF 0.33MF</td><td>5% (AEP, A 20%</td><td>50V WG ONLY) 50V US ONLY) 250V</td></neo<>			1-136-173-00 C677 1-136-173-00 C678 1-136-415-51	FILM C	0.47MF 0.47MF 0.33MF	5% (AEP, A 20%	50V WG ONLY) 50V US ONLY) 250V
	ISTOR>		C682 1-130-062-00	FILM C	0.01MF 0.0056MF 0.47MF	5% 5%	WG ONLY) 50V 50V JS ONLY)
R1601 1-216-423-11		F	<0100)E\			
*A-1245-387-A	FA BOARD, COMPLETE (AEP, AUS O		D602 8-719-110-31 D605 8-719-971-20 D607 8-719-911-19	DIODE S3WB60Z DIODE RD12ES-B DIODE ERC38-06 DIODE ISS119 DIODE ISS119			
<pre><capa 1-136-360-51<="" a.="" c601="" td=""><td>FILM 0.33MF 20%</td><td>250V P.AUS ONLY) 250V (WG ONLY) 400V</td><td>D651 8-719-300-53 D653 8-719-300-59 D654 8-719-300-59 *4-347-706-00</td><td>DIODE RU-3AM DIODE CTU-38S DIODE CTU-12S DIODE CTU-12S HEAT SINK (TR)</td><td>; D654</td><td></td><td></td></capa></pre>	FILM 0.33MF 20%	250V P.AUS ONLY) 250V (WG ONLY) 400V	D651 8-719-300-53 D653 8-719-300-59 D654 8-719-300-59 *4-347-706-00	DIODE RU-3AM DIODE CTU-38S DIODE CTU-12S DIODE CTU-12S HEAT SINK (TR)	; D654		



REF.NO. PART	NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
D656 8-719	9-016-42 9-300-59 7-706-00	DIODE MC932 DIODE CTU-12S		R613 R614		METAL OXIDE			2W	F.
D658 8-719	9-110-03 9-110-03	DIODE MC932 DIODE CTU-12S HEAT SINK (TR); D656 DIODE RD7.5ES-B2 DIODE RD7.5ES-B2		R615 R623 R627	1-210-438-11 1-205-737-00 1-247-718-11 1-249-409-11	CARBON	1.8K 30 2.7K 220	10% 5%	2W 7W 1/4W 1/4W	F
D660 8-719 D661 8-719 D663 8-719)-911-19)-911-55)-109-93	DIODE 1SS119 DIODE UO5G DIODE RD6.2ES-B2		R629	1-247-889-00 1-249-427-11	CARBON CARBON	270K	5% 5%	1/4W 1/4W	
D664 8-719 D665 8-719 D666 8-719	9-300-59 9-311-19	DIODE UOSG DIODE RD6.2ES-B2 DIODE RD12ES-B2 DIODE CTU-12S DIODE 1SS119 DIODE 1SS119		R630 R631 R632 R652	1-247-692-11 1-207-945-00 1-217-192-21 1-216-430-11	CARBON WIREWOUND WIREWOUND METAL OXIDE	22 390 0.22 390	5% 10% 10% 5%	1/4W 7W 2W 1W	म म म
D667 8-719	711 73	51005 0030		R653 R654	1-249-425-11 1-216-464-11	CARBON METAL OXIDE	4.7K 18K		1/4W 2W	F
F601 ∧ . 1-532	<fus -299-11</fus 	FUSE, TIME-LAG 5A/250V	ing the party of the	R662	1-249-436-11 1-249-430-11 1-249-441-11	CARBON CARBON CARBON	39K 12K 100K	5% 5% 5% 5%	1/4W 1/4W 1/4W	
¥1_000	-193-11	HULUBA, PUSE; POUL			1-215-436-00	METAL CARBON CARBON	4.3K 1K 180	1% 5% 5%	1/6W 1/4W 1/4W	
FA1 *1-506 FA2 *1-506	-348-99 -348-99	PIN, CONNECTOR 3P		R669 R670	1-247-720-11 1-249-420-11	CARBON CARBON	3.9K 1.8K	5%	1/4W 1/4W	
FA3 *1-508 FA4 *1-508 FA6 *1-508	-765-00 -767-00 -765-00	PIN, CONNECTOR 3P PIN, CONNECTOR 3P PIN, CONNECTOR (5MM PITCH) 3P PIN, CONNECTOR (5MM PITCH) 5P PIN, CONNECTOR (5MM PITCH) 3P PIN, CONNECTOR 6P PIN, CONNECTOR 2P CONNECTOR, BOARD TO BOARD 5P CONNECTOR, BOARD TO BOARD 5P		R671 A R673 A R677	.1-205-758-11 .1-244-945-91 1-216-346-00	WIREWOUND CARBON METAL OXIDE	100 1 M 0.56	10% 5% 5% 5%	10W 1/2W 1W	F
FA7 *1-566 FA8 *1-566	-058-11 -054-11	PIN, CONNECTOR 6P PIN, CONNECTOR 2P		R678 R679	1-247-749-11	CARBON METAL OXIDE	560 15K		3₩	E E
FA9 *1-564 FA10 *1-564	-529-11 -529-11	CONNECTOR, BOARD TO BOARD 5P		R681	1-249-448-11	CARBON	470 1.2	10% 5%	1/4W (AEP, A	F US ONLY)
	<1C>			R682	1-249-429-11	CARBON CARBON	10K 10K	5% 5%	1/4W	WG ONLY)
IC602 8-719- IC651 8-759-		DIODE TLP581-Y IC RC4558P		R683 R684	1-216-488-11 1-249-448-11	METAL OXIDE CARBON	18K 1.2	5% 5%	3W 1/4W	
	<c011< td=""><td></td><td></td><td>R685</td><td>1-249-440-11</td><td>CARBON</td><td>82K</td><td>5%</td><td>(ABP, A 1/4W</td><td>US ONLY)</td></c011<>			R685	1-249-440-11	CARBON	82K	5%	(ABP, A 1/4W	US ONLY)
L652 1-408-	-159-00	COIL, CHOKE COIL, SPOOK CHOKE COIL, SPOOK CHOKE			*	CARBON		5%	1/4W (AEP, A	US ONLY) US ONLY)
	<1C	.TNK>	1 1 1 1	R690	1-249-449-11	CARBON	1.5	5%	1/4W	
PS651 1-532-	-675-00	LINK, IC				IABLE RESISTOR>				
PS653 1-532-	-686-00	LINK, IC LINK, IC LINK, IC	1 1 1 1			RES, ADJ, META				
	<tram< td=""><td>ISISTOR></td><td></td><td></td><td><tra< td=""><td>NSFORMER></td><td></td><td></td><td></td><td></td></tra<></td></tram<>	ISISTOR>			<tra< td=""><td>NSFORMER></td><td></td><td></td><td></td><td></td></tra<>	NSFORMER>				
	-195-82	TRANSISTOR 2SC2958-L	1			TRANSFORMER, L			(AEP, AL	S ONLY)
3-704- 4-365-	-359-01 -216-00	TRANSISTOR 2SD1403-CA SCREW (M3X10), SW (+) P; Q602 SPACER, MICA; Q602 TRANSISTOR 2SD795A-Q1		T602 X	1-421-974-11 1-421-758-11	TRANSFORMER, L TRANSFORMER, L	INE FI	LTER (LFT)) IS ONLY)
*4-347-	-706-00	HEAT SINK (TR); Q651 TRANSISTOR 2SC2785-E		T603 A.	1-421-974-11 1-437-079-11 1-448-901-11	TRANSFORMER, L TRANSFORMER, H SRT	INE FI ORIZON	LTER (TAL DR	WG ONLY IVE)
		THYRISTOR CROZAM-8	-	T607	1-421-975-11	TRANSFORMER, L	ine fi	LTER (WG ONLY)
pw · france and A =		STOR>				INISTOR>	4800			
	-289-11 -894-11	WIREWOUND 2.7 10% 7W F CARBON 8.2M 5% 1W METAL OXIDE 2.2K 5% 2W F METAL OXIDE 100K 5% 2W F		THP601A	1-806-387-12	THERMISTOR THE	OSITIV		:****	*****
1-217)07 II	Onto IOON JA Zw F	•							



REF. NO. PART NO.	DESCRIPTION		REMARK	REF.NO.	PART NO.	DESCRIPTIO	N -			REMARK
<ja0 J25 1-561-534-41</ja0 	CK> SOCKET 21P			R1751 R1752 R1753 R1754	1-247-104-00 1-247-696-11 1-247-696-11 1-247-696-11	CARBON CARBON CARBON CARBON	75 47 47 47	5555555	1/4W 1/4W 1/4W 1/4W	
<001	L> INDUCTOR 120H	(WG ONLY)		R1756	1-249-418-11 1-247-893-11	CARBON CARBON	1.2K 390K	5% 5%	1/4W 1/4W	
21100 I 400 410 00	HOTOBOD.	(we only)		R1761 R1762	1-247-893-11	CARBON CARBON	390K 390K	5%	1/4W 1/4W	
Q1894 8-729-119-78	TRANSISTOR 2SC2785-	HFE		R1764	1-247-893-11	CARBON	220	5%	1/4W 1/2W	
Q1895 8-729-119-78 Q1896 8-729-119-78	TRANSISTOR 2SC2785- TRANSISTOR 2SC2785-	HFE HFE		R1765 R1768 R1769 R2800	1-247-743-11 1-249-406-11 1-247-710-11 1-247-104-00	CARBON CARBON CARBON CARBON	220 120 560 75	5% 5% 5%	1/2W 1/4W 1/4W 1/4W	
<con< td=""><td>INECTOR></td><td></td><td></td><td>R2801</td><td>1-247-104-00</td><td>CARBON</td><td>75</td><td>5%</td><td>1/4W</td><td></td></con<>	INECTOR>			R2801	1-247-104-00	CARBON	75	5%	1/4W	
CON L1700 1-408-410-00 <tra Q1894 8-729-119-78 Q1895 8-729-119-78 Q1896 8-729-119-78 <con QA1 *1-566-055-11 QA2 *1-560-278-00 QA11 *1-566-054-11</con </tra 	PIN, CONNECTOR 3P PLUG, CONNECTOR 3P PIN, CONNECTOR 2P			R2802 R2803 R2804 R2805	1-249-433-11 1-249-462-11 1-247-713-11 1-249-433-11	CARBON CARBON CARBON	22K 22K 1K 22K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W	
<res< td=""><td>ISTOR></td><td></td><td></td><td>R2806 R2807</td><td>1-249-433-11 1-249-417-11</td><td>CARBON CARBON</td><td>22K 1K 22K</td><td>5% 5%</td><td>1/4W 1/4W</td><td></td></res<>	ISTOR>			R2806 R2807	1-249-433-11 1-249-417-11	CARBON CARBON	22K 1K 22K	5% 5%	1/4W 1/4W	
R1700 1-247-104-00 R1701 1-249-417-11	CARBON 75 CARBON 1K	5% 1/4W 5% 1/4W		R2808 R2809	1-249-433-11 1-249-417-11 1-249-433-11 1-249-462-11 1-247-713-11	CARBON CARBON	22K 22K 1K	5% 5% 5% 5%	1/4W 1/4W	
R1700 1-247-104-00 R1701 1-249-417-11 R1702 1-249-439-11 R1703 1-249-417-11 R1704 1-249-439-11 R1705 1-247-804-11	CARBON 68K CARBON 1K CARBON 68K	5% 1/4W 5% 1/4W 5% 1/4W		R2810 R2811					1/4W 1/4W	
R1705 1-247-804-11	CARBON 75	5% 1/4W		R2812 R2813	1-249-405-11 1-249-405-11 1-249-405-11	CARBON CARBON	100 100	5% 5% 5%	1/4W 1/4W	
R1706 1-249-417-11 R1707 1-249-439-11 R1708 1-249-417-11 R1709 1-249-439-11	CARBON 68K CARBON 1K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W			1-249-405-11 1-249-405-11 <swi 1-570-145-11 1-570-145-11 1-570-145-11 1-570-145-11 1-570-145-11</swi 	TCH>				
R1715 1-247-104-00 R1716 1-249-421-11		5% 1/4W 5% 1/4W		S1 S2	1-570-145-11 1-570-145-11	SWITCH, SLID SWITCH, SLID	E			
R1717 1-247-901-11 R1718 1-247-708-11	CARBON 75 CARBON 2.2K CARBON 820K CARBON 470 CARBON 180	5% 1/4W 5% 1/4W		S4 S5	1-570-145-11 1-570-145-11	SWITCH, SLID SWITCH, SLID	E			
R1719 1-249-408-11		5% 1/4W		S6	1-570-145-11	SWITCH, SLID	E			
R1720 1-249-421-11 R1721 1-247-708-11 R1722 1-249-408-11	CARBON 470	5% 1/4W 5% 1/4W 5% 1/4W			1-570-145-11 <spa 1-519-063-99 1-519-063-99</spa 	RK GAP>				
R1723 1-249-421-11 R1724 1-247-708-11	CARBON 2.2K CARBON 470	5% 1/4W 5% 1/4W		SG1701	1-519-063-99 1-519-063-99	DISCHARGING	GAP			
R1725 1-249-408-11 R1726 1-247-895-00	CARBON 180 CARBON 470K	5% 1/4W		*****	:******	*********	******	****	******	******
R1727 1-247-713-11 R1728 1-247-901-11	CARBON 1K CARBON 820K	5% 1/4W 5% 1/4W			A-1270-282-A	QB BOARD, CO				
R1729 1-247-710-11 R1730 1-247-895-00	CARBON 560 CARBON 470K						*****			
R1731 1-247-713-11 R1732 1-247-901-11	CARBON 1K CARBON 820K	5% 1/4W 5% 1/4W		C1761	<cap< td=""><td>ACITOR> ELECT</td><td>10MF</td><td></td><td>20%</td><td>167</td></cap<>	ACITOR> ELECT	10MF		20%	167
R1733 1-247-104-00 R1735 1-247-104-00	CARBON 75 CARBON 75	5% 1/4W 5% 1/4W		C1777 C1778	1-102-074-00 1-102-074-00	CERAMIC CERAMIC	0.001MF		20% 10% 10%	50 V 50 V
R1736 1-247-104-00 R1737 1-247-104-00	CARBON 75 CARBON 75	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W			1-126-103-11 1-101-004-00	ELECT CERAMIC	470MF 0.01MF		20%	16V 50V
R1738 1-249-409-11 R1739 1-247-104-00 R1740 1-249-429-11	CARBON 220 CARBON 75 CARBON 10K	5% 1/4W 5% 1/4W 5% 1/4W		C1788	1-126-101-11 1-123-356-00	ELECT ELECT	100MF 10MF		20% 20%	16V 25V
R1742 1-249-412-11 R1743 1-247-713-11	CARBON 390 CARBON 1K	5% 1/4W 5% 1/4W		C1790	1-123-356-00 1-124-477-11 1-124-477-11	ELECT ELECT ELECT	10MF 47MF 47MF		20% 20% 20%	25V 16V 16V
R1744 1-247-901-11 R1746 1-249-406-11	CARBON 820K CARBON 120	5% 1/4W 5% 1/4W		C1792	1-102-959-00	CERAMIC	22PF		5%	50V
R1750 1-249-417-11	CARBON 1K	5% 1/4W		C1799 C1800	1-124-477-11	ELECT ELECT ELECT	47MF 1000MF 47MF		20% 20% 20%	16V 6.3 V 16V
			i			ELECT	470MF		20%	167



										<u> </u>		
REF.NO	D. PART NO.	DESCRIPTION			REMARK	REF. NO	. PART NO.	DESCRIPTI	ON		REMARK	
	*1-621-548-11	FC BOARD					1-537-075-21 1-537-076-11	TERMINAL B TERMINAL B	OARD, INPUT/ OARD, INPUT/	OUTPUT OUTPUT		
	<caf< td=""><td>PACITOR></td><td></td><td></td><td></td><td>!</td><td></td><td>PACITOR></td><td></td><td></td><td></td><td></td></caf<>	PACITOR>				!		PACITOR>				
C611 C612 C613 C614 C615	1-108-638-11 1-108-796-11 1-123-356-00 1-123-330-00 1-102-074-00	ELECT	0.1MF 0.0022MF 10MF 22MF 0.001MF	10% 5% 20% 20% 10%	100V 50V 16V 25V 50V		1-124-477-11 1-126-096-11 1-126-096-11 1-124-477-11 1-126-096-11				16V 25V 25V 16V 25V	
C616 C625 C627 C628 C634	1-123-875-11 1-123-380-00 1-136-153-00 1-102-820-00 1-108-638-11	ELECT ELECT FILM CERAMIC MYLAR	10MF 1MF 0.01MF 330PF 0.1MF	20% 20% 5% 5% 10%	50V 50V 50V 50V 100V	C1705 C1708 C1709 C1710 C1712	1-126-096-11 1-124-589-11 1-126-096-11 1-101-880-00 1-101-880-00	ELECT ELECT ELECT CERAMIC CERAMIC	10MF 47MF 10MF 47PF 47PF	20% 20% 20% 5%	25V 16V 25V 50V 50V	
	<n1r< td=""><td>ראחו</td><td></td><td></td><td></td><td>C1715</td><td>1-101-880-00 1-123-356-00</td><td>ELECT</td><td>47PF 10MF</td><td>5% 20%</td><td>50 V 25 V</td><td></td></n1r<>	ראחו				C1715	1-101-880-00 1-123-356-00	ELECT	47PF 10MF	5% 20%	50 V 25 V	
D603	8-719-911-19	DIODE ISSI19)			C1717	1-123-356-00 1-123-356-00 1-123-356-00	ELECT	10MF 10MF 10MF	20% 20% 20%	25V 25V 25V	
D604 D606	<pre></pre>	DIODE 155119)			C1720 C1721	1-124-477-11 1-124-477-11 1-124-477-11 1-124-589-11	ELECT ELECT ELECT	47MF 47MF 47MF 47MF	20% 20% 20% 20% 20%	16V 16V 16V 16V	
FC1 FC2	*1-562-516-11 *1-562-516-11	CONNECTOR, B	OARD TO BOAR	ID 5P		C1723	1-123-356-00 1-102-973-00	ELECT	10MF 100PF		25V 50V	
	<10>					C1729 C1731 C1732	1-102-973-00 1-102-973-00 1-102-973-00 1-102-973-00	CERAMIC CERAMIC CERAMIC	100PF 100PF 100PF 100PF	5% 5% 5% 5%	50V 50V 50V 50V	
I C601	8-759-100-75	IC UPC13940				1			100PF		50 V	
0603		NSISTOR>	CCORDE P			C1747 C1748	1-102-973-00 1-102-973-00 1-102-965-00 1-102-965-00 1-102-965-00	CERAMIC CERAMIC	100PF 39PF 39PF 39PF	5% 5% 5% 5%	50V 50V 50V	
4003	8-729-178-55		SC4/83-E			C1750	1-102-965-00	CRRAMIC	39PF	5% 5%	50V 50V	
R605	1-247-901-00	ISTOR> CARBON	330K 5%	1/4₩		C1752 C1753	1-161-047-00 1-102-965-00	CERAMIC CERAMIC	0.0047MF 39PF	10% 5%	50 V 50 V 16 V	
R606 R608 R611 R616	1-249-433-11 1-249-421-11 1-215-457-00 1-247-862-11	CARBON CARBON METAL	330K 5% 22K 5% 2.2K 5% 33K 1% 20K 5%	1/4W 1/4W 1/6W 1/4W		C1755 C1756 C1757	1-123-356-00 1-101-004-00 1-101-004-00	CERAMIC CERAMIC	10MF 10MF 0.01MF 0.01MF	20%	16V 50V 50V	
R621 R622	1-249-429-11 1-249-433-11	CARBON CARBON		1/4W 1/4W		C1758	1-123-356-00 1-101-006-00 1-124-477-11	ELECT	10MF 0.047MF 47MF	20% 20%	16V 50V 16V	
R624 R625 R626	1-249-425-11 1-249-441-11 1-247-712-11	CARBON CARBON CARBON	10K 5% 22K 5% 4.7K 5% 100K 5% 820 5%	1/4W 1/4W 1/4W		C1763	1-130-479-00 1-130-479-00	MYLAR	0.0047MF 0.0047MF	5% 5%	50 V 50 V	
R633 R634	1-247-887-00 1-249-437-11	CARBON CARBON	220K 5% 47K 5% 120K 1%	1/4W 1/4W			010>					
R636 R637 R638	1-215-471-00 1-249-433-11 1-215-435-00	METAL CARBON METAL	120K 1% 22K 5% 3.9K 1%	1/6W 1/4W 1/6W		D1703	8-719-109-93	DIODE RD6.2				
R639 R674	1-249-425-11 1-249-440-11	CARBON	4.7K 5% 82K 5%	1/4W 1/4W		D1706 D1707 D1708 D1709	8-719-109-93 8-719-109-93 8-719-109-93 8-719-109-93	DIODE RD6.2 DIODE RD6.2 DIODE RD6.2 DIODE RD6.2	RES-BZ RES-B2			
	<the< td=""><td>RMISTOR></td><td></td><td></td><td></td><td>D1710 D1711</td><td>8-719-109-93 8-719-109-93</td><td>DIODE RD6.2 DIODE RD6.2</td><td>ES-B2</td><td></td><td></td><td></td></the<>	RMISTOR>				D1710 D1711	8-719-109-93 8-719-109-93	DIODE RD6.2 DIODE RD6.2	ES-B2			
	1-800-944-11			n. Š		D1712 D1713 D1714	8-719-110-30 8-719-110-30 8-719-110-30	DIODE RD12E DIODE RD12E DIODE RD12E	S-B1			
****	**************************************					D1715	8-719-110-30	DIODE RD12E	S-B1			
	*A-1270-283-A	*********	***** MPLETE (WG O			ענונס	8-719-110-30	DIODE RUIZE	2-01			



REF.NO. PART NO.	DESCRIPTION	!		REMARK	REF.NO.	PART NO.	DESCRIPTION
C1802 1-102-971-00 C1804 1-101-004-00 C1806 1-101-361-00	CERAMIC CERAMIC CERAMIC	82PF 0.01MF 150PF 270PF			; ! !	<trai< td=""><td>NSISTOR></td></trai<>	NSISTOR>
C1807 1-102-111-00 C1808 1-101-004-00	CERAMIC	U.01MF		30 V	Q1774 Q1775	8-729-119-76 8-729-119-78 8-729-119-76 8-729-119-78	TRANSISTOR 2SA1175-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SA1175-HFE TRANSISTOR 2SC2785-HFE
C1810 1-124-477-11 C1811 1-124-477-11 C1813 1-124-477-11 C1820 1-124-477-11	ELECT ELECT ELECT ELECT	47MF 47MF 47MF 47MF 0.01MF	20% 20% 20% 20%	16V 16V 16V 16V	Q1777 Q1780	8-729-119-78 8-729-119-76	TRANSISTOR 2SC2785-HFE TRANSISTOR 2SA1175-HFE
C182I I-101-004-00 C1823 1-136-165-00				50V	Q1785	8-729-119-78 8-729-900-89 8-729-119-78 8-729-119-78	TRANSISTOR 2SC2785-HFE TRANSISTOR DTC144ES TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE
C1824 1-136-165-00 C1825 1-136-165-00 C1830 1-124-477-11 C1831 1-101-004-00	FILM FILM FILM ELECT CERAMIC	0.1MF 0.1MF 47MF 0.01MF	5% 5% 20%	50V 50V 16V 50V	Q1787 Q1788	8-729-140-96 8-729-119-76	TRANSISTOR 2SD774-34 TRANSISTOR 2SA1175-HFE
C1832 1-124-477-11 C1833 1-101-004-00	ELECT CERAMIC	47MF 0.01MF 0.01MF 47MF 47PF	20%	16V 50V 50V	Q1789 Q1794 Q1795	8-729-119-78 8-729-119-78 8-729-119-78	TRANSISTOR 2SC2785-HFB TRANSISTOR 2SC2785-HFB TRANSISTOR 2SC2785-HFB
C1834 1-101-004-00 C1835 1-124-477-11 C1838 1-101-880-00				16V 50V	01798	8-729-119-78 8-729-119-78 8-729-119-76 8-729-119-78	TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SA1175-HFE TRANSISTOR 2SC2785-HFE
C1839 1-124-477-11 C1840 1-101-004-00 C1850 1-101-880-00	BLECT CERAMIC CERAMIC CERAMIC	47MF 0.01MF 47PF 47PF 47PF	20% 5%	50V 50V	Q1802 Q1803	8-729-900-36 8-729-119-78	TRANSISTOR DTC124ES TRANSISTOR 2SC2785-HFE
C1851 1-101-880-00 C1852 1-101-880-00 C1893 1-101-004-00	CERAMIC	47PF 0.01MF 0.01MF	5%	50V 50V	Q1804 Q1805 Q1806	8-729-119-78 8-729-119-78 8-729-119-78	TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE
C1894 1-102-129-00		0.01MF	10%	50V	Q1808	8-729-119-78 8-729-119-78 8-729-119-78	TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE
<d10 D1770 8-719-911-19</d10 					Q1810 Q1811	8-729-119-78 8-729-119-78	TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE
D1772 8-719-911-19 D1773 8-719-911-19 D1774 8-719-911-19 D1775 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119				Q1812 Q1813 Q1814	8-729-119-78 8-729-119-78 8-729-119-78	TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE
D1776 8-719-911-19 D1777 8-719-911-19	DIODE 1SS119 DIODE 1SS119				Q1816 Q1817	8-729-119-78 8-729-119-78 8-729-119-78	TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE
D1780 8-719-911-19 D1781 8-719-911-19 D1782 8-719-911-19	DIODE 188119 DIODE 188119				Q1818 Q1819 Q1820	8-729-119-78 8-729-119-78 8-729-119-78 8-729-119-78 8-729-119-78 8-729-900-36 8-729-900-36 8-729-900-36 8-729-119-78 8-729-119-78	TRANSISTOR DTC124ES TRANSISTOR DTC124ES TRANSISTOR DTC124ES
D1784 8-719-110-14 D1787 8-719-109-90 D1788 8-719-911-19	DIODE RD5.6E	S-B3 S-B3			Q1822 Q1823	8-729-119-78 8-729-119-78	TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE
D1789 8-719-911-19 <ic></ic>	DIODE 188119				Q1825 Q1826 Q1827 Q1831 Q1832	8-729-119-78 8-729-119-78 8-729-119-78 8-729-900-36 8-729-119-78	TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR DTC124ES TRANSISTOR 2SC2785-HFE
IC1770 8-759-800-65 IC1771 8-759-140-66	IC LA7910 IC UPD4066BC				Q1891	8-729-900-36	TRANSISTOR DTC124ES
IC1772 8-759-102-37 IC1773 8-759-102-37 IC1774 8-759-989-69	IC UPD4052BC IC UPD4052BC IC SN74LS86A				#1300		TRANSISTOR 2SC2785-HFE
IC1775 8-759-901-38 IC1776 8-759-900-09							PIN. CONNECTOR 6P PIN. CONNECTOR 4P
IC1777 8-759-710-40 IC1778 8-759-710-40	IC NJM2234D				QB13 4 QB14 4	1-566-056-11 1-566-054-11	PIN, CONNECTOR 4P PIN, CONNECTOR 2P PIN, CONNECTOR 5P
<coi L1801 1-408-404-00</coi 	L> INDUCTOR	3.9UH			QB17 :		PIN, CONNECTOR 4P PIN, CONNECTOR 7P
L1802 1-408-404-00 L1803 1-408-404-00	INDUCTOR INDUCTOR	3.9UH 3.9UH			QB22 1	⊧1-566-055-11 ⊧1-566-057-11	PIN, CONNECTOR 3P PIN, CONNECTOR 5P PIN, CONNECTOR 2P
				ì			



REF.NO. PART NO.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
<pre></pre>	ISTOR> CARBON CARBON CARBON CARBON CARBON CARBON		5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1854 R1855 R1856 R1857 R1858 R1859	1-249-416-11 1-249-417-11 1-249-417-11 1-247-713-11 1-249-433-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	820 1K 1K 1K 22K 1K	5% 5%% 5%% 5%%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
R1780 1-249-433-11 R1781 1-249-441-11 R1782 1-249-425-11 R1783 1-249-469-11 R1784 1-249-433-11	CARBON CARBON CARBON CARBON CARBON	22K 100K 4.7K 100K 22K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1860 R1861 R1862 R1863 R1864	1-249-429-11 1-249-417-11 1-249-417-11 1-249-433-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	10K 1K 1K 22K 1K	5%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/4W 1/4W 1/4W 1/4W 1/4W	
R1785 1-249-441-11 R1786 1-249-441-11 R1787 1-249-433-11 R1789 1-249-401-11 R1793 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	100K 100K 22K 47 1K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1865 R1866 R1867 R1868 R1869	1-249-425-11 1-249-412-11 1-249-417-11 1-249-412-11 1-249-421-11	CARRON	4.7K 390 1K 390 2.2K	5%%%%% 5%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/4W 1/4W 1/4W 1/4W 1/4W	
R1794 1-247-895-00 R1795 1-249-422-11 R1796 1-249-440-11 R1797 1-249-434-11 R1798 1-249-425-11	CARBON CARBON CARBON	470K 2.7K 82K 27K 4.7K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1870 R1871 R1872 R1873 R1874	1-249-421-11 1-249-421-11 1-249-433-11 1-249-429-11 1-249-413-11	CARBON CARBON CARBON CARBON CARBON	2.2K 2.2K 22K 10K 470	55555555555555555555555555555555555555	1/4W 1/4W 1/4W 1/4W 1/4W	
R1799 1-249-419-11 R1804 1-249-429-11 R1805 1-247-725-11 R1806 1-249-406-11 R1807 1-249-426-11	CARBON CARBON CARBON CARBON		5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1875 R1876 R1877 R1879 R1880	1-247-842-11 1-249-420-11 1-247-725-11 1-249-469-11 1-249-417-11	CARBON CARBON CARBON CARBON			1/4W 1/4W 1/4W 1/4W 1/4W	
R1808 1-249-426-11 R1809 1-249-408-11 R1810 1-247-832-11 R1811 1-249-413-11 R1813 1-249-413-11	CARBON CARBON CARBON		5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1882 R1883 R1884 R1885	1-249-422-11 1-249-417-11 1-249-433-11 1-249-417-11 1-249-416-11	CARBON CARBON CARBON CARBON			1/4W 1/4W 1/4W 1/4W 1/4W	
R1814 1-249-413-11 R1820 1-249-406-11 R1821 1-249-406-11 R1822 1-249-406-11 R1823 1-249-406-11	CARBON CARBON CARBON CARBON		5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1886 R1888 R1892 R1893 R1894	1-249-417-11 1-249-417-11 1-249-415-11 1-249-433-11 1-249-428-11	CARBON CARBON CARBON CARBON		5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R1825 1-247-881-00 R1826 1-247-881-00 R1827 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	120K 120K 120K 10K 1K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1896 R1898 R1899 R1901 R1902	1-249-415-11 1-249-426-11 1-249-426-11 1-249-429-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	680 5.6K 5.6K 10K 1K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R1831 1-249-417-11 R1832 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	10K 10K 1K 10K 10K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1920 R1921 R1922	1-249-412-11 1-249-429-11 1-249-424-11 1-249-424-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	390 10K 3.9K 3.9K 2.2K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R1835 1-249-428-11 R1836 1-249-422-11 R1837 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	1K 8.2K 2.7K 1K 5.6K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1926 R1927 R1929	1-249-440-11 1-249-440-11 1-249-440-11 1-247-722-11 1-247-714-11	CARBON CARBON CARBON CARBON CARBON	82K 82K 82K 5.6K 1.2K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R1841 1-249-433-11 R1842 1-249-433-11 R1843 1-249-462-11	CARBON CARBON CARBON CARBON CARBON	5.6K 22K 22K 22K 22K 100	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1932 R1935 R1936	1-249-417-11 1-249-417-11 1-249-428-11 1-249-459-11 1-249-428-11	CARBON CARBON CARBON CARBON CARBON	1K 1K 8.2K 12K 8.2K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R1846 1-247-714-11 R1847 1-249-437-11	CARBON CARBON CARBON CARBON CARBON	22K 1.2K 47K 8.2K 47K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	:	R1940 R1950	1-249-428-11 1-249-428-11 1-249-428-11 1-249-428-11 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	8.2K 8.2K 8.2K 8.2K 10K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R1852 1-249-428-11	CARBON CARBON CARBON CARBON	8.2K 47K 8.2K 820	5% 5% 5%	1/4W 1/4W 1/4W 1/4W			1-249-423-11 1-247-712-11	CARBON CARBON	3.3K 820	5% 5%	1/4W 1/4W	



REF.NO. PART NO.			REMARK	RK REF.NO. PART NO. DESCRIPTION				REMARK			
R716 1-216-486-00 R717 1-249-409-11 R718 1-249-429-11 R719 1-249-429-11 R720 1-216-486-00	CARBON	8.2K 220 10K 10K 8.2K	5% 5% 5% 5%	3W 1/4W 1/4W 1/4W 3W			*A-1340-940-A	D2 BOARD, C	OMPLETE ******		
R721 I-249-409-11 R722 I-249-405-11 R723 I-247-700-11 R724 I-249-405-11 R725 I-249-429-11	CARBON CARBON CARBON	220 100 100 100 10K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		C2501 C2502 C2503 C2504 C2505	1-102-074-00	MYLAR MYLAR CERAMIC	0.0022MF 0.033MF 0.0033MF 0.001MF 0.01MF	10% 10% 10% 10% 10%	100V 100V 100V 50V 100V
R726 1-249-408-11 R727 1-249-429-11 R728 1-247-812-11 R729 1-249-441-11 R730 1-247-812-11	CARBON CARBON CARBON	180 10K 160 100K 160	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W		C2506 C2507 C2508 C2509 C2510	1-108-626-11 1-123-379-00 1-123-356-00 1-123-356-00	MYLAR Elect Elect	0.0033MF 0.01MF 0.47MF 10MF	10% 10% 20% 20% 20%	100V 100V 50V 50V 50V
R731 1-247-719-11 R732 1-247-719-11 R733 1-247-719-11 R734 1-247-714-11 R735 1-247-714-11	CARBON CARBON CARBON	3.3K 3.3K 3.3K 1.2K 1.2K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		C2511 C2512 C2513 C2514 C2515	1-123-357-00 1-123-361-00	ELECT ELECT ELECT	47MF 47MF 22MF 220MF 100MF	20% 20% 20% 20% 20%	50V 50V 50V 50V 25V
R736 1-247-134-00 R737 1-249-439-11 R739 1-247-881-00 R740 1-215-902-11 R741 1-249-435-11	CARBON CARBON	1.3K 68K 120K 47K 33K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 2W 1/4W	F	C2518 C2520 C2521	1-130-736-11 1-102-231-11 1-123-380-00 1-108-816-11	FILM CBRAMIC ELECT NYLAR	100MF 0.01MF 47PF 1MF 0.1MF	20% 5% 10% 20% 5%	50 V 100 V 500 V 50 V 50 V
R742 1-247-725-11 R743 1-247-725-11 R744 1-247-725-11 R745 1-247-713-11 R746 1-215-902-11	CARBUN .	10K 10K 10K 1K 47K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1	N.	C2522 C2523 C2524 C2525 C2526	1-123-379-00	ELECT	47MF 0.082MF 0.12MF 0.47MF 0.047MF	20% 10% 10% 20% 10%	25V 100V 100V 50V 100V
R747 1-247-725-11 R751 1-249-409-11 R752 1-249-409-11 R753 1-249-418-11 R754 1-249-412-11	CARBON CARBON CARBON	10K 220 220 1.2K 390	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	r	C2535 C2536	1-108-640-11 1-108-626-11 1-106-375-12 1-123-379-00	MYLAR MYLAR MYLAR ELECT	0.001MF 0.15MF 0.01MF 0.022MF 0.47MF	10% 10% 10% 10% 20%	100V 100V 100V 100V 50V
R755 1-215-871-11 R756 1-249-414-11 R757 1-249-426-11 R758 1-249-435-11 R759 1-249-393-11	CARBON CARBON CARBON	2.2K 560 5.6K 33K 10	5% 5% 5% 5%	1W 1/4W 1/4W 1/4W 1/4W		C2537 C2538	1-123-332-00 1-123-369-00 <con< td=""><td>ELECT ELECT INECTOR></td><td>47MF 4.7MF</td><td>20% 20%</td><td>25V 50V</td></con<>	ELECT ELECT INECTOR>	47MF 4.7MF	20% 20%	25V 50V
R760 1-249-411-11 R761 1-249-409-11 R762 1-249-409-11 R763 1-249-437-11 R764 1-249-397-11	CARBON CARBON CARBON CARBON	330 220		1/4W 1/4W 1/4W 1/4W		D21 D22 D23 D24 D25	*1-566-058-11 *1-508-767-00 *1-508-766-00 *1-508-765-00 *1-508-784-00	PIN, CUNNECT PIN. CONNECT	OR (5MM PITC OR (5MM PITC	JH) 4P JH) 3P	
R765 1-249-417-11 R766 1-249-435-11 R767 1-249-441-11 R768 1-249-435-11 R769 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	1K 33K 100K 33K 1K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		D26	*1-566-054-11 <dio< td=""><td>DE></td><td></td><td></td><td></td></dio<>	DE>			
R770 1-249-389-11 R771 1-249-389-11 R772 1-249-402-11		4.7 4.7 56	5% 5% 5%	1/4W 1/4W 1/4W		D2501 D2502 D2503 D2504 D2505	8-719-911-19 8-719-911-55 8-719-911-19 8-719-911-19	DIODE 155119 DIODE UO5G DIODE 155119 DIODE 155119			
	NIABLE RESISTOR					D2506 D2507	8-719-911-55 8-719-110-53	DIODE U05G DIODE RD20ES	-B2		
RV703 1-228-729-00	RES, ADJ, MET RES, ADJ, CER RES, ADJ, CER RES, ADJ, CER	AMIC C	ARBON	220K 100K			<001	L>			
RV706 1-228-724-00					******	L2501 L2502 L2503 L2504 L2505	1-410-748-11 1-459-119-00 1-407-504-00 1-459-583-11 1-443-012-00		10MMH ORE)	'ERSION	
						L2506	1-459-123-00	COIL, DUST CORE (PAC)			



REF.NO	. PART NO.	DESCRIPTION	<u> </u>			REMARK	REF.NO.	PART NO.	DESCRIPTION	4		RE
R1967 R1968	1-247-712-11 1-247-881-00	CARBON CARBON CARBON CARBON CARBON	820 820 120K 82K 1K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		D706 D707 D708 D709 D710	8-719-911-19 8-719-911-19	DIODE ISSII	9		
R1973 R1974 R1978	1-249-417-11 1-249-417-11 1-249-405-11	CARBON CARBON CARBON			1/4W 1/4W			8-719-901-83 8-719-901-83 8-719-911-19	DIODE 1883 DIODE 1883 DIODE 188119))		
		C BOARD, COI	PLETE					<c01< td=""><td>L></td><td></td><td></td><td></td></c01<>	L>			
	1-526-644-71						L701 L702 L703	1-407-708-00 1-407-708-00	INDUCTOR INDUCTOR	180UH		
							L705	1-408-121-00	INDUCTOR	22UH		
C1 C2 C3 C5 C6	*1-566-054-11 *1-566-055-11 *1-566-061-11	PIN, CONNECT PIN, CONNECT PIN, CONNECT	OR 2P OR 2P OR 3P OR 9P OR 2P				L706 L707 L721 L751	1-408-121-00 1-408-413-00	INDUCTOR INDUCTOR	2200H 22UH 22UH 1.5UH		
C7	*1-508-768-00	PIN, CONNECT						<tra< td=""><td>NSISTOR></td><td></td><td></td><td></td></tra<>	NSISTOR>			
	<cap< td=""><td>ACITOR></td><td></td><td></td><td></td><td></td><td>Q701 Q702</td><td>8-729-178-55</td><td>TRANSISTOR 2</td><td>SC2785-E</td><td></td><td></td></cap<>	ACITOR>					Q701 Q702	8-729-178-55	TRANSISTOR 2	SC2785-E		
C701 C702	1-129-779-00	FILM	330PF 0.022M	F	10% 20%	2KV 1KV	Q704 Q705	8-729-326-11	TRANSISTOR 2	SC2611		
C704 C705	1-123-948-00	ELECT	22MF 0.1MF		20% 10%	250V 200V	9706 9707	8-729-200-17	TRANSISTOR 2	SA1091-0		
C706 C707 C708	1-102-116-00	CERAMIC	0.1MF 680PF 680PF		10% 10% 10%	200V 50V 50V	0709 0710	8-729-326-11 8-729-178-55 8-729-255-12	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SC2785-E SC2551-0		
C709 C710	1-102-116-00	CERAMIC CERAMIC	680PF 560PF		10% 10%	50V 50V	Q714	8-729-255-12 8-729-200-17	TRANSISTOR 2	SA1091-0		
C711 C712 C713	1-102-116-00	CERAMIC	10MF 680PF 680PF		20% 10% 10%	25V 50V 50V	Q716 Q751	8-729-200-17 8-729-178-55	TRANSISTOR 2 TRANSISTOR 2	SA1091-0 SC2785-E		
C714 C715	1-123-321-00 1-102-125-00	ELECT CERAMIC		(F	20% 10%	16V 50V	Q753	8-729-178-55 8-729-178-55 8-729-140-96	TRANSISTOR 2	SC2785-E		
C718 C723	1-108-634-11	MYLAR	0.047MF	(F ?	10%	50V 100V	0755 0756	8-729-178-55	TRANSISTOR 2	SC2785-E		
C754 C755	1-102-371-00 1-108-617-11 1-123-356-00	MYLAR ELECT		(F	10% 20%	100V 25V	Q757	8-729-140-96	TRANSISTOR 2	SD774-34		
C756 C757	1-108-626-11	MYLAR MYLAR	0.01MF		10% 10%	100V		<res< td=""><td>ISTOR></td><td></td><td></td><td></td></res<>	ISTOR>			
C758 C759 C760	1-102-963-00 1-102-963-00 1-108-614-11	CERAMIC CERAMIC MYLAR	33PF	ì	5% 5% 10%	50V 50V 100V	R702 R703	1-202-846-00 1-202-844-00	METAL OXIDE SOLID SOLID	0.22 5% 470K 10% 330K 10%	1W 1/2W 1/2W	F
C762 C763	1-136-177-00 1-123-356-00	FILM ELECT	IMF 10MF		5% 20%	50Y 50V			SOLID	47K 10% 470K 10%	1/2W 1/2W	
C764 C765 C766	1-108-638-11 1-123-380-00 1-124-122-11	MYLAR ELECT ELECT	0.1MF 1MF 100MF		10% 20% 20%	100V 50V 50V	R707 R708 R709	1-202-842-11 1-202-818-00 1-202-818-00	SOLID SOLID SOLID	220K 10% 1K 10% 1K 10%	1/2W 1/2W 1/2W	*
	<0101	Œ>										
D701 D702 D703 D704 D705	8-719-911-19 8-719-911-19	DIODE 155119 DIODE 155119				1	R712 R713 B714	1-202-543-00 1-216-486-00 1-249-409-11	SOLID METAL OXIDE CARBON	56 10% 8.2K 5% 220 5% 10K 5%	1/2W 1/2W 3W 1/4W 1/4W	F
	R1966 R1967 R1968 R1967 R1973 R1973 R1974 R1978 R1978 R1974 R1978 C1 C23 C5 C6 C7 C707 C703 C705 C706 C707 C705 C707 C714 C715 C712 C715 C755 C756 C757 C756 C757 C766 C766 C76	R1967 1-247-712-11 R1968 1-247-881-00 R1969 1-249-440-11 R1971 1-249-417-11 R1972 1-249-417-11 R1973 1-249-417-11 R1974 1-249-417-11 R1978 1-249-405-11 **********************************	R1966 1-247-712-11 CARBON R1967 1-247-712-11 CARBON R1968 1-247-881-00 CARBON R1969 1-249-440-11 CARBON R1971 1-249-417-11 CARBON R1972 1-249-417-11 CARBON R1973 1-249-417-11 CARBON R1974 1-249-417-11 CARBON R1978 1-249-405-11 CARBON R1978 1-249-405-11 CARBON R1978 1-249-405-11 CARBON R1978 1-249-405-11 CARBON R1978 1-249-405-11 CARBON CCONNECTOR> C1 *1-506-371-00 PIN, CONNECT C2 *1-566-054-11 PIN, CONNECT C3 *1-566-054-11 PIN, CONNECT C5 *1-566-054-11 PIN, CONNECT C6 *1-566-054-11 PIN, CONNECT C7 *1-508-768-00 PIN, CONNECT C7 *1-508-768-00 PIN, CONNECT C701 1-162-115-00 CERAMIC C702 1-129-779-00 FILM C703 1-124-927-11 BLECT C704 1-123-948-00 ELECT C705 1-108-704-11 MYLAR C706 1-108-704-11 MYLAR C707 1-102-116-00 CERAMIC C709 1-102-116-00 CERAMIC C710 1-102-115-00 CERAMIC C710 1-102-115-00 CERAMIC C711 1-123-356-00 ELECT C712 1-102-116-00 CERAMIC C713 1-102-116-00 CERAMIC C714 1-123-321-00 ELECT C715 1-102-125-00 CERAMIC C716 1-108-634-11 MYLAR C757 1-108-634-11 MYLAR C758 1-102-915-00 CERAMIC C754 1-108-634-11 MYLAR C755 1-123-356-00 ELECT C756 1-108-626-11 MYLAR C757 1-108-626-11 MYLAR C758 1-102-963-00 CERAMIC C759 1-102-963-00 CERAMIC C754 1-108-634-11 MYLAR C755 1-123-356-00 ELECT C756 1-108-626-11 MYLAR C757 1-108-626-11 MYLAR C758 1-102-963-00 CERAMIC C760 1-108-614-11 MYLAR C757 1-108-626-11 MYLAR C758 1-102-963-00 ELECT C756 1-123-356-00 ELECT C766 1-124-122-11 ELECT C766 1-124-122-11 ELECT C767 1-108-638-11 MYLAR C767 1-108-638-11 MYLAR C768 1-123-356-00 ELECT C766 1-124-122-11 ELECT C766 1-124-122-11 ELECT	R1966 1-247-712-11 CARBON 820 R1967 1-247-712-11 CARBON 820 R1968 1-247-881-00 CARBON 120K R1969 1-249-440-11 CARBON 1K R1969 1-249-417-11 CARBON 1K R1971 1-249-417-11 CARBON 1K R1972 1-249-417-11 CARBON 1K R1973 1-249-417-11 CARBON 1K R1974 1-249-417-11 CARBON 1K R1978 1-249-405-11 CARBON 1K R1978 1-249-405-11 CARBON 1K R1978 1-249-405-11 CARBON 1K R1978 1-249-417-11 CARBON 1K R1978 1-249-417-11 CARBON 1K R1978 1-249-417-11 CARBON 1K R1978 1-249-417-11 CARBON 1K R1978 1-249-417-11 CARBON 1K R1978 1-249-417-11 CARBON 1K R1978 1-249-417-11 CARBON 1K R1978 1-249-417-11 CARBON 1K R1978 1-249-417-11 CARBON 1K R1978 1-249-417-11 CARBON 1K R1978 1-249-417-11 CARBON 1K R1978 1-249-417-11 CARBON 1K R1978 1-249-217-10 PIN, CONNECTOR 2P C2 *1-566-054-11 PIN, CONNECTOR 2P C3 *1-566-054-11 PIN, CONNECTOR 3P C6 *1-566-054-11 PIN, CONNECTOR 3P C6 *1-566-054-11 PIN, CONNECTOR 3P C7 *1-102-116-00 FILM 0.022M C703 1-124-927-11 BLECT 4.7MF C704 1-123-948-00 BLECT 2MF C705 1-108-704-11 MYLAR 0.1MF C706 1-108-704-11 MYLAR 0.1MF C707 1-102-116-00 CERAMIC 680PP C708 1-102-116-00 CERAMIC 680PP C709 1-102-116-00 CERAMIC 680PP C711 1-123-356-00 BLECT 10MF C711 1-123-356-00 BLECT 10MF C712 1-102-116-00 CERAMIC 680PF C713 1-102-116-00 CERAMIC 680PF C714 1-123-321-00 BLECT 220MF C715 1-102-125-00 CERAMIC 680PF C716 1-108-617-11 MYLAR 0.01MF C757 1-108-638-11 MYLAR 0.01MF C758 1-102-963-00 CERAMIC 33PF C759 1-108-638-11 MYLAR 0.01MF C759 1-108-638-11 MYLAR 0.01MF C751 1-108-638-11 MYLAR 0.01MF C752 1-108-638-11 MYLAR 0.01MF C753 1-102-963-00 CERAMIC 33PF C766 1-123-380-00 ELECT 10MF C766 1-124-122-11 ELECT 10MF C766 1-124-122-11 ELECT 10MF C767 1-108-638-11 MYLAR 0.01MF C767 1-108-638-11 MYLAR 0.01MF C767 1-108-638-11 MYLAR 0.01MF C767 1-108-638-11 MYLAR 0.01MF C768 1-123-380-00 ELECT 10MF C769 1-108-617-11 MYLAR 0.01MF C760 1-108-617-11 MYLAR 0.01MF C761 1-123-356-00 ELECT 10MF C762 1-136-177-00 FILM 1MF C763 1-123-380-00 ELECT 10MF C764 1-124-122-11 ELECT 100MF	R1966 1-247-712-11 CARBON 820 5X R1967 1-247-712-11 CARBON 820 5X R1968 1-247-881-00 CARBON 120K 5Z R1969 1-249-440-11 CARBON 82K 5Z R1971 1-249-417-11 CARBON 1K 5Z R1972 1-249-417-11 CARBON 1K 5Z R1973 1-249-417-11 CARBON 1K 5Z R1974 1-249-417-11 CARBON 1K 5Z R1978 1-249-405-11 CARBON 1K 5Z R1978 1-249-405-11 CARBON 1K 5Z R1978 1-249-405-11 CARBON 1M 5Z R1978 1-249-405-11 CARBON 1M 5Z R1978 1-249-405-11 CARBON 1M 5Z R1978 1-249-405-11 CARBON 1M 5Z R1978 1-249-405-11 CARBON 1M 5Z R1978 1-249-405-11 CARBON 1M 5Z R1978 1-249-405-11 CARBON 1M 5Z R1978 1-249-405-11 CARBON 1M 5Z R1978 1-249-405-11 CARBON 1M 5Z R1978 1-249-405-11 CARBON 1M 5Z R1978 1-249-405-11 CARBON 1M 5Z R1978 1-249-275-11 CARBON 1M 5Z R1978 1-249-275-11 CARBON 1M 5Z R1978 1-249-275-11 CARBON 1M 5Z R1978 1-249-275-11 PIN, CONNECTOR 2P C2 *1-566-054-11 PIN, CONNECTOR 2P C3 *1-566-055-11 PIN, CONNECTOR 3P C5 *1-566-055-11 PIN, CONNECTOR 3P C5 *1-566-055-11 PIN, CONNECTOR 3P C6 *1-566-054-11 PIN, CONNECTOR 3P C7 *1-108-768-00 PIN, CONNECTOR 3P C7 *1-108-768-00 PIN, CONNECTOR 3P C703 1-124-927-11 BLECT 4.7MF C704 1-123-948-00 BLECT 22MF C705 1-108-704-11 MYLAR 0.1MF C706 1-108-704-11 MYLAR 0.1MF C707 1-102-116-00 CERAMIC 680PF C709 1-102-116-00 CERAMIC 680PF C709 1-102-116-00 CERAMIC 680PF C709 1-102-116-00 CERAMIC 680PF C711 1-123-356-00 BLECT 10MF C712 1-102-116-00 CERAMIC 680PF C713 1-102-116-00 CERAMIC 680PF C714 1-123-321-00 BLECT 10MF C715 1-102-125-00 CERAMIC 680PF C716 1-108-614-11 MYLAR 0.0047MF C757 1-108-626-11 MYLAR 0.0047MF C758 1-102-13-306-00 ELECT 10MF C759 1-102-963-00 CERAMIC 33PF C759 1-102-963-00 CERAMIC 33PF C750 1-108-614-11 MYLAR 0.01MF C766 1-124-122-11 ELECT 10MF C766 1-124-122-11 ELECT 10MF C766 1-124-122-11 ELECT 10MF C766 1-124-122-11 ELECT 10MF C767 1-108-614-11 MYLAR 0.01MF C768 1-123-380-00 ELECT 10MF C769 1-102-116-100 DIDE ISS119 D703 8-719-911-19 DIODE ISS119 D703 8-719-911-19 DIODE ISS119 D704 8-719-911-19 DIODE ISS119 D703 8-719-911-19 DIODE ISS119 D704 8-719-911-19 DIODE ISS119	R1966 1-247-712-11 CARBON 820 5% 1/4W R1967 1-247-812-11 CARBON 820 5% 1/4W R1968 1-247-81-00 CARBON 120K 5% 1/4W R1969 1-249-440-11 CARBON 1K 5% 1/4W R1971 1-249-417-11 CARBON 1K 5% 1/4W R1973 1-249-417-11 CARBON 1K 5% 1/4W R1973 1-249-417-11 CARBON 1K 5% 1/4W R1973 1-249-417-11 CARBON 1K 5% 1/4W R1978 1-249-407-11 CARBON 1K 5% 1/4W R1978 1-249-407-11 CARBON 1K 5% 1/4W R1978 1-249-407-11 CARBON 1D 5% 1/4W R1978 1-249-407-11 CARBON 1D 5% 1/4W R1978 1-249-407-11 CARBON 1D 5% 1/4W R1978 1-249-407-11 CARBON 1D 5% 1/4W R1978 1-269-407-11 CARBON 1D 5% 1/4W R1978 1-269-407-11 CARBON 1D 5% 1/4W R1978 1-269-407-11 CARBON 1D 5% 1/4W R1978 1-249-405-11 CARBON 1D 5% 1/4W R1978 1-269-407-11 CARBON 1D 5% 1/4W R1978 1-269-407-11 CARBON 1D 5% 1/4W R1978 1-249-405-11 CARBON 1D 5% 1/4W R1978 1-269-407-11 PIN, CONNECTOR 2P C2 *1-566-054-11 PIN, CONNECTOR 2P C3 *1-566-055-11 PIN, CONNECTOR 3P C5 *1-566-055-11 PIN, CONNECTOR 3P C6 *1-566-054-11 PIN, CONNECTOR 2P C6 *1-566-054-11 PIN, CONNECTOR 2P C704 1-123-948-00 ELECT 2 MF 20% C703 1-124-927-11 BLECT 4.7MF 20% C704 1-123-948-00 ELECT 2 MF 20% C705 1-108-704-11 MYLAR 0.1MF 10% C708 1-102-116-00 CERAMIC 680PF 10% C709 1-102-116-00 CERAMIC 680PF 10% C709 1-102-116-00 CERAMIC 680PF 10% C709 1-102-116-00 CERAMIC 680PF 10% C714 1-123-321-00 ELECT 10MF 20% C715 1-102-116-00 CERAMIC 680PF 10% C715 1-102-116-00 CERAMIC 680PF 10% C715 1-102-116-00 CERAMIC 680PF 10% C715 1-102-116-00 CERAMIC 680PF 10% C715 1-102-116-00 CERAMIC 680PF 10% C715 1-102-116-00 CERAMIC 680PF 10% C715 1-102-116-00 CERAMIC 680PF 10% C715 1-102-116-00 CERAMIC 680PF 10% C715 1-102-116-00 CERAMIC 680PF 10% C716 1-102-116-00 CERAMIC 680PF 10% C716 1-102-116-00 CERAMIC 680PF 10% C716 1-102-116-00 CERAMIC 680PF 10% C716 1-102-116-00 CERAMIC 680PF 10% C716 1-102-116-00 CERAMIC 680PF 10% C716 1-102-116-00 CERAMIC 680PF 10% C716 1-102-116-00 CERAMIC 680PF 10% C716 1-102-116-00 CERAMIC 680PF 10% C716 1-102-116-00 CERAMIC 680PF 10% C716 1-102-116-00 CERAMIC 680PF 10% C716 1-102-116-00 CERAMIC 680PF 10% C716 1-102-116-00 CERAM	R1966 1-247-712-11 CARBON 820 5% 1/4W R1967 1-247-712-11 CARBON 820 5% 1/4W R1969 1-249-440-11 CARBON 82K 5% 1/4W R1969 1-249-440-11 CARBON 1K 5% 1/4W R1971 1-249-417-11 CARBON 1K 5% 1/4W R1973 1-249-417-11 CARBON 1K 5% 1/4W R1973 1-249-417-11 CARBON 1K 5% 1/4W R1973 1-249-417-11 CARBON 1K 5% 1/4W R1973 1-249-417-11 CARBON 1K 5% 1/4W R1974 1-249-417-11 CARBON 1K 5% 1/4W R1978 1-249-405-11 CARBON 1K 5% 1/4W R1978 1-249-405-11 CARBON 1K 5% 1/4W R1978 1-249-405-11 CARBON 1D0 5% 1/4W R1978 1-249-405-11 CARBON 1D0 5% 1/4W R1978 1-266-644-71 SOCKET, PICTURE TUBE **CONNECTOR> C1 *1-506-371-00 PIN, CONNECTOR 2P C2 *1-566-055-11 PIN, CONNECTOR 3P C5 *1-566-055-11 PIN, CONNECTOR 3P C5 *1-566-055-11 PIN, CONNECTOR 3P C6 *1-566-054-11 PIN, CONNECTOR 3P C6 *1-566-054-11 PIN, CONNECTOR 3P C702 1-129-779-00 FILM 0.022MF 20% 1KV C703 1-124-927-11 BLECT 4.7MF 20% 100V C704 1-123-948-00 BLECT 20MF 20% 250V C705 1-108-704-11 MYLAR 0.1MF 10% 200V C707 1-102-116-00 CBRAMIC 680PP 10% 50V C708 1-102-116-00 CBRAMIC 680PP 10% 50V C709 1-102-116-00 CBRAMIC 680PP 10% 50V C709 1-102-116-00 CBRAMIC 680PP 10% 50V C709 1-102-116-00 CBRAMIC 680PP 10% 50V C709 1-102-116-00 CBRAMIC 680PP 10% 50V C709 1-102-116-00 CBRAMIC 680PP 10% 50V C701 1-102-116-00 CBRAMIC 680PP 10% 50V C701 1-102-116-00 CBRAMIC 680PP 10% 50V C703 1-102-116-00 CBRAMIC 680PP 10% 50V C703 1-102-116-00 CBRAMIC 680PP 10% 50V C703 1-102-116-00 CBRAMIC 680PP 10% 50V C704 1-123-356-00 ELECT 10MF 20% 25V C754 1-103-164-00 CBRAMIC 680PP 10% 50V C755 1-102-155-00 CBRAMIC 680PP 10% 50V C755 1-102-155-00 CBRAMIC 680PP 10% 50V C755 1-102-155-00 CBRAMIC 680PP 10% 50V C755 1-102-155-00 CBRAMIC 680PP 10% 50V 50V C755 1-102-155-00 CBRAMIC 680PP 10% 50V 50V C755 1-102-155-00 CBRAMIC 680PP 10% 50V 50V C755 1-102-155-00 CBRAMIC 680PP 10% 50V 50V C755 1-102-155-00 CBRAMIC 680PP 10% 50V 50V C755 1-102-155-00 CBRAMIC 680PP 10% 50V 50V 50V 50V 50V 50V 50V 50V 50V 50V	R1966 1-247-712-11 CARBON 820 5% 1/44 D707	R1966 1-247-712-11 CARBON 820 5\tilde{\text{SI} 1/4\tilde{\text{V}} 1/4\ti	R1966 1-247-712-11 CABBON 820 5% 1/40 1707 8-719-911-19 DIDDE ISS11 181967 1-247-712-11 CABBON 820 5% 1/40 1707 8-719-911-19 DIDDE ISS11 181967 1-247-712-11 CABBON 820 5% 1/40 1707 8-719-911-19 DIDDE ISS11 181967 1-247-712-11 CABBON 1	1-566 -247-712-11 CARBON 820 5% 1/40 D707 8-719-911-19 D10PE ISS119 R1966 1-247-81-00 CARBON 120K 527 1/40 D708 8-719-911-19 D10PE ISS119 R1966 1-247-81-00 CARBON 120K 527 1/40 D708 8-719-911-19 D10PE ISS119 R1969 1-249-440-11 CARBON 1K 5% 1/40 D708 8-719-911-19 D10PE ISS119 R1969 1-249-440-11 CARBON 1K 5% 1/40 D710 8-719-901-18 D10PE ISS119 R1971 1-249-417-11 CARBON 1K 5% 1/40 D710 8-719-901-83 D10PE ISS83 R1974 1-249-417-11 CARBON 1K 5% 1/40 D712 8-719-901-83 D10PE ISS83 R1974 1-249-417-11 CARBON 1K 5% 1/40 D712 8-719-901-83 D10PE ISS83 R1974 1-249-417-11 CARBON 1K 5% 1/40 D713 8-719-901-83 D10PE ISS83 R1974 1-249-417-11 CARBON 100 5% 1/40 D713 8-719-901-83 D10PE ISS83 R1974 1-249-417-11 CARBON 100 5% 1/40 D713 8-719-901-83 D10PE ISS83 R1974 1-249-417-11 CARBON 100 5% 1/40 D713 8-719-901-83 D10PE ISS83 R1974 1-249-417-11 CARBON 100 5% 1/40 D713 8-719-901-83 D10PE ISS83 R1974 1-249-417-11 CARBON 100	1166 -247-712-11 CARRON 820 57 1/4W



REF.NO.	PART NO.	DESCRIPTION	!		REMARK	REF.NO.	PART NO.	DESCRIPTION	V -		REMARK
Q2501 Q2502 Q2503	<tra 8-729-178-55 8-729-178-55 8-729-178-55</tra 	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	2SC2785-E 2SC2785-E 2SC2785-E			R2554 R2555 R2556 R2557 R2558	1-247-895-00 1-249-424-11 1-249-425-11 1-249-429-11 1-249-425-11	CARBON CARBON CARBON CARBON CARBON	470K 5% 3.9K 5% 4.7K 5% 10K 5% 4.7K 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
Q2506 Q2507 Q2510 Q2511	<pre></pre>	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	25C2785-E 25C2785-E 25C2690A- 25C2958-L 25C1175-H	P Q FE		R2559 R2560 R2561 R2562 R2563	1-249-429-11 1-249-430-11 1-249-429-11 1-247-704-11 1-249-425-11	CARBON CARBON CARBON CARBON CARBON	10K 5% 12K 5% 10K 5% 220 5% 4.7K 5%	1/4W 1/4W	
Q2512 Q2515 Q2516	8-729-122-03 8-729-119-76 8-729-178-55	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SA1220A- SA1175-H SC2785-E	P FE		R2564 R2565 R2566 R2567	1-249-437-11 1-249-441-11 1-249-409-11 1-249-421-11	CARBON CARBON CARBON CARBON	47K 5% 100K 5% 220 5% 2.2K 5%	1/4W 1/4W 1/4W 1/4W	
,		ISTOR>				! !		IABLE RESISTO			
R2502 R2503 R2504	1-249-435-11 1-249-429-11 1-249-435-11 1-249-429-11 1-249-420-11	CARBON	33K 10K 33K 10K 1.8K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W		RV2503 RV2504	1-228-727-00 1-228-727-00 1-228-727-00 1-228-724-00 1-228-724-00	RES, ADJ, CE RES, ADJ, CE	RAMIC CARB	ON 47K ON 10K	
	1-249-437-11 1-249-418-11	CARBON CARBON CARBON CARBON CARBON	10K 47K 47K 1.2K 56K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W		i	<tra 1-407-849-00</tra 			****	*****
R2513 R2514	1-249-439-11 1-249-429-11 1-249-417-11 1-247-700-11 1-249-439-11	CARBON	68K 10K 1K 100 68K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W			*A-1340-941-A *1-566-054-11 *1-566-057-11	D3 BOARD, CO	MPLETE	******	
R2518 R2519		CARBON CARBON CARBON CARBON CARBON	4.7K 68K 68K 47K 2.2K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W			*1-566-058-11 <cap< td=""><td>PIN, CONNECT ACITOR></td><td>OR 6P</td><td></td><td></td></cap<>	PIN, CONNECT ACITOR>	OR 6P		
R2521 R2522 R2523 R2524	1-249-439-11 1-249-430-11 1-249-423-11	CARBON CARBON CARBON CARBON	68K 12K 3.3K 5.6K			C2602 C2603 C2604 C2606	1-101-004-00	ELECT ELECT ELECT CERAMIC	22MF 2.2MF 2.2MF 4.7MF 0.01MF	20% 20% 20% 20%	25 V 50 V 50 V 50 V
R2526 R2527 R2528 R2529 R2530	1-249-423-11 1-249-433-11 1-249-425-11 1-249-433-11 1-249-423-11	CARBON CARBON CARBON CARBON CARBON	3.3K 5			C2608 C2609 C2610 C2611		ELECT ELECT ELECT ELECT	22MF 4.7MF 10MF	20% 20% 20% 20% 20%	25V 50V 25V 50V 50V
R2534	1-249-401-11 1-249-401-11 1-249-399-11 1-249-429-11 1-249-434-11	CARBON CARBON CARBON CARBON CARBON	47 5 47 5 33 5 10K 5 27K 5	5% 1/4W	ራ ት	C2616 C2617	1-101-004-00 1-124-598-11 1-124-598-11	ELECT ELECT CERAMIC ELECT ELECT	4.7MF 4.7MF 0.01MF 22MF 22MF	20% 20% 20% 20%	50V 50V 50V 25V 25V
R2544	1-247-883-00 1-216-426-11 1-212-960-00 1-215-884-11 1-249-421-11	CARBON METAL OXIDE FUSIBLE METAL OXIDE CARBON	150K 5 82 5 12 5 47 5	% 1/2W	ि म न		1-124-598-11 <dioi 8-719-016-42</dioi 		22MF	20%	25V
R2546 R2547 R2548 R2549	1-249-421-11 1-247-706-11 1-249-435-11 1-249-439-11 1-249-441-11 1-249-424-11	CARBON CARBON CARBON CARBON	330 5 33K 5 68K 5 100K 5	1/4W X 1/4W X 1/4W X 1/4W X 1/4W X 1/4W		D2602 D2603	8-719-016-42	DIODE MC932 DIODE RD24ES	-В		
							8-759-981-95 8-759-909-70				



REF.NO. PART NO.	DESCRIPTION	REMARK	REF. NO	. PART NO.	DESCRIPTIO	N -		REMARK
<pre></pre>	ANSISTOR> TRANSISTOR 2SC2785-HFE TRANSISTOR DTC124ES TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE		RV260 RV260 RV260 RV260	<pre><var 1="" 1-228-724-00="" 1-228-725-00<="" 1-228-728-00="" 2="" 3="" 4="" 5="" pre=""></var></pre>	RES, ADJ, C RES, ADJ, C RES, ADJ, C RES, ADJ, C RES, ADJ, C	OR> ERAMIC CARBO ERAMIC CARBO ERAMIC CARBO ERAMIC CARBO	N 100K N 100K N 10K N 10K	
Q2606 8-729-119-78 Q2607 8-729-105-73 Q2608 8-729-119-78	TRANSISTOR 2SC2785-HFE TRANSISTOR 2SK523-L2 TRANSISTOR 2SC2785-HFE		RV260	6 1-228-727-00 7 1-228-993-00 ***********************************	RES, ADJ, C	ERAMIC CARBO ARBON 4.7K ************************************	N 4/K	******
R2601 1-249-438-11 R2602 1-249-435-11 R2603 1-249-424-11 R2604 1-249-424-11 R2605 1-247-704-11 R2609 1-249-441-11 R2610 1-249-441-11 R2611 1-247-725-11 R2612 1-249-438-11 R2613 1-247-881-00 R2614 1-249-429-11 R2615 1-249-429-11 R2616 1-249-429-11 R2618 1-249-429-11 R2619 1-249-429-11 R2620 1-249-429-11 R2620 1-249-429-11 R2621 1-249-429-11 R2622 1-249-429-11 R2623 1-249-429-11 R2624 1-249-417-11 R2625 1-249-429-11 R2625 1-249-429-11 R2626 1-249-417-11	CARBON 3.9K 5% CARBON 3.9K 5% CARBON 3.9K 5% CARBON 3.9K 5% CARBON 3.9K 5% CARBON 100K 5% CARBON 100K 5% CARBON 10O 5% CARBON 10K 5% CARBON 10	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	C501 C502 C503 C504 C507 C508 C509 C512 C514 C515 C516 C520 C521 C522 C523 C524 C525 C526 C526 C527 C528 C524 C525 C526 C527 C528 C524 C525 C526 C527 C528 C528 C528 C528 C528 C528 C528 C528	CCAP 1-123-380-00 1-108-622-11 1-106-351-00. 1-126-103-11 1-123-379-00 1-124-963-11 1-123-379-00 1-136-173-00 1-123-357-00 1-136-162-00 1-124-517-11 1-126-233-11 1-123-336-00 1-102-244-00 1-126-170-11 1-123-875-11 1-106-381-12 1-102-244-00 1-124-342-00 1-124-342-00 1-123-379-00 1-123-330-00 1-123-331-00 1-123-356-00	ACITOR> ELECT MYLAR ELECT ELECT ELECT ELECT ELECT ELECT ELECT ELECT ELECT ELECT ELECT ELECT ELECT ELECT ELECT ELECT MYLAR CERAMIC ELECT EL	1MF 0.0047MF 0.0022MF 470MF 0.47MF 33MF 0.47MF 22MF 0.056MF 470MF 22MF 470MF 220PF 1000MF 10MF 0.1MF 0.1MF 0.1MF 0.1MF 0.1MF 0.1MF 0.1MF 0.1MF 0.1MF 0.1MF 0.1MF 0.1MF 0.1MF 0.1MF 0.47MF 220PF 3.3MF	100 x 200 x	50V 100V 16V 50V 50V 250V 250V 250V 250V 250V 250V
			C1521 C1522 C1523 C1524 C1525	1-108-631-11 1-123-333-00 1-102-978-00 1-108-698-11 1-162-117-00	MYLAR ELECT CERANIC MYLAR CERANIC	0.027MF 100MF 220PF 0.033MF 100PF	10% 20% 5% 10% 10%	25V 50V 200V 500V



ı	REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
		<001	L>			<res< td=""><td>SISTOR></td><td></td><td></td><td></td><td></td></res<>	SISTOR>				
	L501 L1501	1-459-060-00 1-408-159-00 1-459-215-00	COIL, DYNAMIC CONVERSION CHUKE COIL, SPOOK CHOKE 3.3UH CORE COIL		R501 R502 R503	1-247-895-00 1-249-427-11 1-249-425-11	CARBON CARBON CARBON CARBON CARBON	470K 6.8K 4.7K 10K 2.2K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
	L1505 L1506 L1507 L15084 L1510	1-407-365-00 1-459-104-00 1-407-365-00 1-424-059-11 1-407-365-00	COIL, CHOKE COIL, DUST CORE COIL, CHOKE PMC COIL, CHOKE	÷	R506 R507 R508 R509 R510	1-249-435-11 1-249-424-11 1-247-726-11 1-249-428-11 1-249-431-11	CARBON CARBON CARBON CARBON	3.9K 33K 8.2K 15K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
	L1511 L1512A	1-407-365-00 1-459-308-32	COIL, CHOKE COIL, HORIZONTAL LINEARITY		R511 R512 R513	1-249-432-11 1-247-858-11 1-249-430-11	CARBON	18K 13K 12K	5%% 5%% 5%%	1/4W 1/4W 1/4W 1/4W	
		<10	LINK>		R515	1-249-468-11	CARBON	82K		1/4W	
	PS501	1-532-727-11 <tra< td=""><td>LINK, IC NSISTOR></td><td></td><td>R516 R517 R518 R519</td><td>1-247-713-11 1-249-420-11 1-247-721-11 1-247-715-11</td><td>CARBON CARBON CARBON CARBON CARBON</td><td>1K 1.8K 4.7K 1.5K</td><td>5% 5% 5%</td><td>1/4W 1/4W 1/4W 1/4W 1/4W</td><td></td></tra<>	LINK, IC NSISTOR>		R516 R517 R518 R519	1-247-713-11 1-249-420-11 1-247-721-11 1-247-715-11	CARBON CARBON CARBON CARBON CARBON	1K 1.8K 4.7K 1.5K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
	Q501 Q502 Q503 Q505 Q506	8-729-178-55 8-729-178-55 8-729-119-76 8-729-119-76 8-729-178-55	COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, CHOKE COIL, HORIZONTAL LINEARITY LINK> LINK, IC NSISTOR> TRANSISTOR 2SC2785-E TRANSISTOR 2SC2785-E TRANSISTOR 2SA1175-HFE TRANSISTOR 2SA1175-HFE TRANSISTOR 2SC2785-E TRANSISTOR 2SC2785-E TRANSISTOR 2SC2785-E TRANSISTOR 2SC2785-E TRANSISTOR 2SA1175-HFE TRANSISTOR 2SA1175		R521 R522 R523 R525 R526	1-249-434-11 1-249-438-11 1-214-765-00 1-216-353-00 1-249-423-11	CARBON CARBON METAL METAL OXIDE		5%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/4W 1/4W 1/4W 1/4W 1W	F
	Q510 Q511 Q512 Q515 Q516	8-729-195-82 8-729-122-03 8-729-169-02 8-729-119-76 8-729-140-96	TRANSISTOR 2SC2958-L TRANSISTOR 2SA1220A-P TRANSISTOR 2SC2690A-Q TRANSISTOR 2SA1175-HFE TRANSISTOR 2SD774-34		R527 R528 R529 R530	1-249-420-11 1-249-413-11 1-249-414-11 1-247-705-11 1-249-393-11	CARBON CARBON CARBON CARBON CARBON			1/4W 1/4W 1/4W 1/4W 1/4W	F
	Q518 Q522 Q523 Q1501 Q1503	8-729-178-55 8-729-119-76 8-729-119-76 8-729-119-76 8-729-203-81	TRANSISTOR 2SC2785-E TRANSISTOR 2SA1175-HFE TRANSISTOR 2SA1175-HFE TRANSISTOR 2SA1175-HFE TRANSISTOR 2SC2238B-0		R537 R538 R539 R540	1-249-399-11 1-215-869-11 1-216-350-11 1-249-405-11 1-216-350-11	CARBON METAL OXIDE METAL OXIDE CARBON		5% 5% 5% 5%	1/4W 1W 1W 1/4W	F F
	Q1504 Q1505 Q1506	8-729-301-74 4-374-410-01 *4-374-413-01 8-729-140-96 8-729-140-97	TRANSISTOR 2SD1497-04 SPACER, MICA; Q1504 RETAINER (A), TR; Q1504 TRANSISTOR 2SD774-34 TRANSISTOR 2SB734-34		R542 R543 R544 R546 R551	1-215-865-11 1-249-382-11 1-215-869-11 1-247-715-11 1-216-432-00	METAL OXIDE CARBON METAL OXIDE CARBON METAL OXIDE			1W 1/4W 1W 1/4W 1/4W	F
	Q1507 Q1508	8-769-330-03 3-701-609-00 4-303-844-00 *4-309-762-00 8-729-301-74	THYRISTOR SG-264A BUSHING (B), TR; Q1507 SPACER, MICA (4) MD-17; Q1507 RETAINER (MD-17), TRANSISTOR; Q15 TRANSISTOR 2SD1497-04	507	R552 R553 R554 R557 R558	1-247-720-11 1-215-891-11 1-247-721-11 1-247-725-11 1-249-427-11	CARBON			1/4W 2W 1/4W 1/4W 1/4W	F
	Q1511 Q1512	4-374-410-01 *4-374-413-01 8-729-140-97 8-729-119-76 8-729-178-55	SPACER, MICA; Q1508 RETAINER (A), TR; Q1508 TRANSISTOR 2SB734-34 TRANSISTOR 2SA1175-HFE TRANSISTOR 2SC2785-E		R560 R561 R562 R563 R564	1-249-417-11 1-247-708-11 1-247-704-11 1-247-704-11 1-247-711-11	CARBON CARBON CARBON CARBON CARBON	1K 470 220 220 680	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
	Q1515 Q1520	8-729-178-55 8-729-178-55 8-729-119-80 4-377-115-01 *4-381-170-01	TRANSISTOR 2SC2785-E TRANSISTOR 2SC2785-E TRANSISTOR 2SC2688-LK SPACER, MICA; Q1520 HOLDER, TR; Q1520		R581 R582 R593 R593A R594	1-249-427-11 1-249-441-11 1-215-926-00 1-215-926-00	CARBON CARBON METAL OXIDE METAL OXIDE CARBON	6.8K 100K 33K 33K 15K	5% 5% 5% 5%	1/4W 1/4W 3W 3W 1/4W	न
	Q1522 Q1523 Q1524	8-729-900-36 8-729-900-36 8-729-900-36 8-729-900-36 8-729-900-36	TRANSISTOR DTC124ES TRANSISTOR DTC124ES TRANSISTOR DTC124ES TRANSISTOR DTC124ES TRANSISTOR DTC124ES		R595 R596 R597 R598 R599	1-249-431-11 1-247-146-00 1-249-461-11 1-214-750-00	CARBON CARBON CARBON METAL METAL	15K 4.3K 18K 7.5K 3.3K	5% 5% 1%	1/4W 1/4W 1/4W 1/4W 1/4W	
	Q1526	8-729-900-36	TRANSISTOR DTC124ES		ルノフブ	1 414 (41-00	ioino	J. J.	T 40	F1 Z#	



	REF.NO.	PART NO.	DESCRIPTION			REMARK	REF.NO.	. PART NO.	DESCRIPTION	REMARK
	C1527 C1528 C1529	I-102-157-00 I-102-038-00 I-108-698-II I-102-820-00 I-123-361-00	CERAMIC CERAMIC MYLAR CERAMIC ELECT	560PF 0.001NF 0.033NF 330PF 220NF	10% 10% 5% 20%	500V 500V 200V 50V 50V	D2 D3 D4 D5	*1-566-054-11 *1-508-767-00 *1-506-348-99	PIN, CONNECTOR 3P PIN, CONNECTOR 2P PIN, CONNECTOR (5MM PITCH) 5P PIN, CONNECTOR 4P	
	C1532 C15334 C15344	1-125-494-11 1-124-006-11 1-162-115-51 1-136-330-11 1-129-953-00	CERAMIC	IOME	20% 20% 10% 3% 20%	160V 25V 2KV 1.6KV 1.5KV	D10	*1-566-056-11 *1-508-765-00 *1-508-765-00 *1-508-768-00	PIN, CONNECTOR (SMM PITCH) 5P PIN, CONNECTOR 4P PIN, CONNECTOR (SMM PITCH) 3P PIN, CONNECTOR (SMM PITCH) 3P PIN, CONNECTOR (SMM PITCH) 6P	
	C1537 C1539A C1540	1-123-333-00 1-123-333-00 1-162-116-11 1-162-115-00 1-106-375-12	ELECT ELECT CERAMIC CERAMIC MYLAR	100MF 100MF 680PF 330PF 0.022MF	20% 20% 10% 10% 10%	16V 16V 2KV 2KV 100V	D12 D15 D27 D28	*1-566-055-11 *1-566-058-11 *1-566-058-11 *1-566-057-11	PIN, CONNECTOR (5MM PITCH) 6P PIN, CONNECTOR 3P PIN, CONNECTOR 6P PIN, CONNECTOR 6P PIN, CONNECTOR 5P	
	C1542 C1543	1-136-541-11 1-102-820-00	FILM CERAMIC	1.5MF 330PF	5% 5% 5%	200V 50V	D29	*1-566-054-11	PIN, CONNECTOR 2P	
	C1544	1-136-127-00 1-108-626-11	FILM MYLAR CERAMIC	1MF 0.01MF 100PF	5% 10% 5%	400V 100V 50V	D501	<dio 8-719-911-19</dio 		
	C1551 C1552 C1553		CERAMIC MYLAR BLECT MYLAR	330PF 0.01MF 0.47MF 0.01MF	10% 10% 20%	500V 100V 50V 100V	D502	8-719-200-02 8-719-300-76 8-719-300-76	DIODE 10E-2	
	C1555	1-102-110-00	CERAMIC	220PF	10%	- 50V	D508 D510		DIODE RD13ES-B2 DIODE RD5.6ES-B1	
	C1557 C1558	1-123-333-00 1-108-622-11 1-123-330-00	MYLAR ELECT	100MF 0.0047MF 22MF	20% 10% 20%	25V 100V 16V	D511 D513 D520	8-719-911-19 8-719-110-41 8-719-190-00	DIODE RD15ES-B2 DIODE RD24E-BZ7	
	C1559 C1560	1-123-379-00 1-123-379-00	ELECT ELECT	0.47MF 0.47MF	20% 20%	50V 50V	D521 D522	8-719-911-19 8-719-101-61	DIODE 155119 DIODE RD6.2E-L2	
	C1566A C1567A C1568A	1-162-115-51 1-162-115-51	MYLAR CERAMIC CERAMIC FILM FILM	330PF	10% 10% 10% 3% 10%	100V 2KV 2KV 1.6KV 400V	D1502 D1503 D1508	8-719-911-19 8-719-110-41	DIODE ISS119 DIODE RD15ES-B2 DIODE ISS119	
	C1570 C1571 C1572	1-129-751-00 1-102-030-00		0.1MF 330PF 220MF 47MF	20% 10% 20% 20%	400V 500V 16V 25V	D1510	8-719-300-76 8-719-300-76 8-719-300-76	DIGDE RH-1A DIGDE RH-1A DIGDE RH-1A DIGDE VIIN	
	C1577	1-124-963-11	ELECT	33MF	20%	167	D1516	8-719-200-02 8-719-903-09	DIODE V30N	
	C1579 C1585 C1586	1-106-375-12 1-108-638-11 1-123-357-00 1-108-621-11	ELECT MYLAR	0.022MF 0.1MF 22MF 0.0039MF	10% 10% 20% 10%	100V 100V 50V 100V	D1518A	A 8-719-302-98		
	C1591	1-131-351-00	TANTALUM	4.7MF	10% 20%	35V 50V	D15188 D1525 D1527	8-719-911-19 8-719-300-76	DIODE RG4C DIODE 1SS119 DIODE RH-1A	
	C1592 C1593 C1595	1-108-692-11 1-136-171-00 1-123-381-00	MYLAR FILM ELECT	0.01MF 0.33MF 2.2MF	10% 5% 20%	200V 50V 50V	D1528 D1529	8-719-945-81 8-719-300-76	DIODE RH-1A	
	C1596	1-123-369-00	ELECT	4.7MF	20%	50V	D1530 D1531	8-719-300-76 8-719-300-38	DIODE RH-1A DIODE GU-3A	
	C1601	1-102-816-00 1-108-626-11	FILM CERAMIC MYLAR MYLAR MYLAR	0.68MF 120PF 0.01MF 0.01MF 0.01MF	5% 5% 10% 10% 10%	50V 50V 100V 100V	D1535 D1536 D1537	8-719-109-81 8-719-109-93	DIODE RD24ES-B DIODE RD4.7ES-B2 DIODE RD6.2ES-B2 DIODE 1SS119	
	C1603	1-108-626-11	MYLAR	0.01MF	10%	100V	D1540	8-719-109-89	DIODE RD5.6ES-B2 DIODE RH-1A	
	C1605 C1606	1-124-360-00	MYLAR ELECT ELECT FILM	0.01MF 2.2MF 1000MF 0.056MF	10% 20% 20% 5%	100V 50V 16V 50V		<1C>		
						I C503	8-759-982-26	IC RC78L12A IC RC78L12A		
	D1 *	CONN> 1-508-766-00		IR (5MW PITCI	() 4P		I C1502	8-759-981-95	IC UPC1377C IC RC4558S IC RC4558S	

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HD	U	ПС	K

REF.NO. PART NO.	DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION	- N		REMARK
*1 -621-541-11	HD BOARD				1	*1-566-057-11				
(CII)	mous				İ	+ 1275 066-1			******	********
	TCH> SWITCH, SLIDI	F			1	*A-1375-066-A	######################################			
	SWITCH, SLIDI				5 6 6	<cap< td=""><td>ACITOR></td><td></td><td></td><td></td></cap<>	ACITOR>			
*************		********	******	******	C982	1-130-729-00	FILM	0.0027MF	5%	50V
*1-633-571-11	******				C983 C984 C985	1-130-734-00 1-130-483-00 1-126-157-11	MYLAR	0.0068MF 0.01MF 10MF	5% 5% 5% 20%	50V 50V 16V
<cap< td=""><td>ACITOR></td><td></td><td></td><td></td><td>C986</td><td>1-123-356-00</td><td>ELECT</td><td>IOMF</td><td>20%</td><td>25V</td></cap<>	ACITOR>				C986	1-123-356-00	ELECT	IOMF	20%	25 V
C1842 1-101-888-00	CERAMI C	68PF	5% 5%	50V		<010	DE>			
C1843 1-102-816-00 C1844 1-124-631-11	ELECT	120PF 47MF	20%	50V 16V	D971	8-719-109-85	DIODE RD5.18	ES-B2		
C1845 1-124-477-11 C1846 1-101-004-00	ELECT CERAMIC	47MF 0.01MF	20%	16V 50V	! ! !	<con< td=""><td>INECTOR></td><td></td><td></td><td></td></con<>	INECTOR>			
C1847 1-124-477-11 C1848 1-101-004-00	ELECT CERAMIC	47MF 0.01MF	20%	16V 50V	HC1	*1-566-057-11	PIN. CONNECT	'OR 5P		
.	IND.				HC3	*1-566-056-11 *1-566-054-11	PIN, CONNECT	OR 2P		
<dic D1793 8-719-109-85</dic 		S-R2			HC4	*1-566-054-11	PIN, CONNECT	UR ZP		
		, ,,				<1C>				
<10>	•				1 C985	8-759-933-23	IC BA236			
101779 8-759-240-82	1C TC4082BP					<res< td=""><td>ISTOR></td><td></td><td></td><td></td></res<>	ISTOR>			
<01	L>				R982 R983	1-249-429-11 1-249-417-11	CARBON	10K 5% 1K 5%	1/4W 1/4W	
L1771 1-408-406-00 L1772 1-408-409-00		5.6UH 10UH			R984 R985	1-249-429-11 1-249-417-11	CARBON	10K 5% 1K 5%	1/4W 1/4W	
<#P. A	NC LCTOD>				R986 R988	1-249-429-11			1/4W 1/4W	
01897 8-729-119-78	NSISTOR> TRANSISTOR 2S	C2785-HFE			R989 R990	1-249-417-11 1-249-432-11	CARBON	100 5% 1K 5% 18K 5% 180 5% 6.8K 5%	1/4W 1/4W	
01898 8-729-119-76 01899 8-729-900-36	TRANSISTOR 25	SA1175-HFB			R991 R992	1-249-408-11 1-249-427-11	CARBON CARBON	180 5% 6.8K 5%	1/4W 1/4W	
	ISTOR>			İ	R993 R994	1-249-418-11 1-249-420-11	CARBON	1.2K 5% 1.8K 5%	1/4W 1/4W	
R2812 1-249-406-11		120 5%	1/40		11,774				1/ 4#	
R2813 1-249-411-11 R2814 1-249-418-11	CARBON CARBON	330 5%	1/4W 1/4W	į			IABLE RESISTO			
R2815 I-249-417-11 R2816 I-249-430-11	CARBON CARBON	1.2K 5% 1K 5% 12K 5%	1/4W 1/4W	 	RV983	1-237-349-11 1-237-712-11 1-237-712-11	RES, VAR, CA RES, VAR, CA RES, VAR, CA	RBON 10K		
R2817 1-249-419-11 R2818 1-249-430-11	CARBON CARBON	1.5K 5% 12K 5%	1/4W 1/4W	9	RV985 RV986	1-237-350-11	RES, VAR, CA RES, ADJ, CA	RBON 20K		•
R2819 1-249-433-11 R2820 1-249-431-11	CARBON CARBON	22K 5% 15K 5% 2.2K 5%	1/4W 1/4W	9 6 6		1-237-348-11				
R2821 1-249-421-11	CARBON		1/4W	 	*****	********	********	********	******	******
R2822 1-249-433-11 R2823 1-249-431-11	CARBON CARBON	22K 5% 15K 5% 100K 5%	1/4W 1/4W	į	:	*A-1380-192-A	K BOARD, COM			
R2824 1-249-441-11 R2825 1-249-419-11 R2826 1-249-411-11	CARBON CARBON CARBON	100K 5% 1.5K 5% 330 5%	1/4W 1/4W 1/4W	1 1 1		4-309-378-00				
		J. J.		1						
	NECTOR>	מכ מו			C201	<cap< td=""><td>ACITOR></td><td>0.47MF</td><td>20%</td><td>50V</td></cap<>	ACITOR>	0.47MF	20%	50 V
U1	PIN, CUNNECTO	JK 3P		į	C201 C202 C203	1-123-379-00 1-123-379-00 1-124-477-11	ELECT	0.47MF 47MF	20% 20%	50V 16V
-2 -1 JUU UJ4 II	1111, 0011110010	641		,					-	



REF.NO.	PART NO.	DESCRIPTION				REMARK	REF. NO.	PART NO.	DESCRIPTION				REMARK
R1501 R1502	1-249-411-11	CARBON CARBON	330 6.8K	5% 5%	1/4W		R1577	1-249-425-11	CARBON	4.7K	5%	1/4W	
R1504	1-247-723-11 1-249-405-11 1-249-435-11	CARBON CARBON	100 33K	5% 5%	1/4W 1/4W		R1578 R1579	1-202-723-00 1-247-718-11	SOLID CARBON	2.2M 2.7K	10% 5%	1/2W 1/4W	
	1-249-436-11	CARBON	39K	5% 5%	1/4W		R1580	1-249-439-11 1-249-441-11	CARBON CARBON	68K	5% 5%	1/4W 1/4W	
R1507 R1508	1-247-894-11 1-249-462-11 1-249-429-11	CARBON CARBON	22K 10K	5% 5%	1/4W 1/4W		R1583	1-249-429-11	CARBON	6.8K	5%	1/4W 1/4W	
R1509	1-249-405-11 1-249-433-11	CARBON CARBON	100 22K	5% 5%	1/4W 1/4W		R1584 R1585	1-249-421-11 1-247-713-11	CARBON CARBON	2.2K 1K	5% 5%	1/4W 1/4W	
R1512	1-247-881-00 1-249-440-11	CARBON CARBON	120K 82K	5% 5%	1/4W 1/4W		R1589	1-247-726-11	CARBON	33K	5%	1W 1/4W	F
R1513 R1514	1-249-425-11 1-247-868-11	CARBON CARBON	4.7K 36K	5% 5%	1/4W 1/4W		R1590	1-247-726-11 1-214-779-00	CARBON METAL	33K 120K	5% 1%	1/4W 1/4W	
R1518	1-249-430-11 1-249-429-11	CARBON	12K	5% 5%	1/4W		R1594 R1595	1-214-781-00 1-247-722-11 1-214-777-00	CARBON CARBON CARBON CARBON CARBON CARBON CARBON CARBON CARBON CARBON METAL OXIDE CARBON METAL METAL CARBON METAL METAL CARBON	5.6K 100K	5% 1%	1/4W 1/4W 1/4W	
R1520 R1521	1-249-435-11 1-247-701-11	CARBON CARBON	33K 120	5% 5%	1/4W 1/4W		R1597	1-214-752-00	METAL	9.1K	1%	1/4W	
R1530	1-247-723-11 1-247-700-11	CARBON	100	5% 5%	1/4W		R1598 R1599 R1600	1-214-749-00 1-247-883-00 1-249-405-11	CARBON CARBON	5.8K 150K 100	5% 5%	1/4W 1/4W 1/4W	
R1531 R1532	1-247-713-11 1-215-922-11 1-215-922-11	CARBON METAL OXIDE	1K 6.8K	5% 5%	1/4W 3W	F F	R1601	1-246-531-00	CARBON	270K	5%	1/4W	
R1533	1-247-721-11 1-247-721-11 1-215-918-00	CARBON METAL OXIDE	4.7K	5% 5% 5%	1/4W 3W	r F	R1603 R1604	1-247-887-00 1-247-725-11	CARBON CARBON	10K	5% 5%	1/4W 1/4W 1/4W	
R1534A	1-216-482-11	METAL OXIDE	1.8K	5%	3W	F	R1605 R1606	1-247-725-11 1-247-725-11	CARBON CARBON	10K 10K	5% 5%	1/4W 1/4W	
R1536	1-216-388-11 1-247-697-11 1-249-385-11	CARBON CARBON	56 2.2	5% 5% 5%	3W 1/4W 1/4W	r F	R1607	1-247-725-11	CARBON CARBON	10K	5% 5%	1/4W 1/4W	
R1538	1-249-385-11	CARBON	2.2	5%	1/4W	F	R1609 R1610	1-249-433-11 1-247-725-11	CARBON CARBON	22K 10K	5% 5%	1/4W 1/4W	
R1541 R1541	1-216-434-11 1-215-915-11 1-216-479-11	METAL OXIDE	1.8K 470 560	5% 5% 5%	1W 3W 3W	ይ ት	R1611	1-249-433-11	CARBON	22K	5% 5%	1/4W 1/4W	
R1542 R1543	1-215-880-00 1-215-869-11	METAL OXIDE	îK	5%	1W	F	R1614	1-247-700-11	CARBON	100	5%	1/4W	F
R1544 R1545	1-216-448-11 1-247-693-11	METAL OXIDE CARBON	39 27	5% 5%	2W 1/4W	F	KIDI7	1-249-469-11	CARBON CARBON CARBON CARBON CARBON CARBON IABLE RESISTOR RES, ADJ, CER RES, ADJ, CER RES, ADJ, CER RES, ADJ, CER RES, ADJ, CER	100K	5%	1/4W	
R1546 R1547	1-216-448-11 1-247-693-11 1-216-371-00 1-247-697-11 1-249-382-11	METAL OXIDE CARBON	1.5	5% 5%	2W 1/4W	F	PVEO1	<var< td=""><td>IABLE RESISTOR</td><td> > </td><td>LDDOU</td><td>000</td><td></td></var<>	IABLE RESISTOR	> 	LDDOU	000	
R1549	1-249-382-11	CARBON	1.2	5%	1/4W	F	RV501 RV503 RV1501	1-228-717-00 1-228-727-00 1-228-723-00	RES, ADJ, CER RES, ADJ, CER	AMIC C	ARBON ARBON	47K 4.7K	
R1552 R1553	1-247-725-11 1-249-425-11	CARBON CARBON	10K 4.7K	5% 5%	1/4W 1/4W	F	RV1503 RV1505	1-228-720-00 1-228-720-00	RES, ADJ, CER RES, ADJ, CER	AMIC C	ARBON ARBON	1 K 1 K	
	1-247-705-11 1-249-465-11	CARBON CARBON	270 47K	5% 5%	1/4W 1/4W		RV1506	1-228-727-00	RES, ADJ, CER RES, ADJ, CER	ANIC C	ARBON	47K	
R1557	1-249-425-11 1-249-429-11	CARBON CARBON	4.7K 10K	5% 5% 5%	1/4W 1/4W		RV1511	1-228-729-00	RES, ADJ, CER	AMIC C	ARBON	220K	
R1559	1-249-425-11 1-249-417-11 1-247-862-11	CARBON CARBON CARBON	4.7K 1K 20K	5% 5%	1/4W 1/4W 1/4W		: 	<spa< td=""><td>RK GAP></td><td></td><td></td><td></td><td></td></spa<>	RK GAP>				
	1-214-746-00	METAL	5.1K		1/4W		SG1501	1-519-063-99	DISCHARGING G	AP			
R1563 R1564	1-247-713-11 1-249-422-11 1-249-405-11	CARBON CARBON CARBON	1K 2.7K 100	1% 5% 5% 5%	1/4W 1/4W 1/4W	F			NSFORMER>				
R1565	1-249-462-11	CARBON	22K	5% 5%	1/4W		T1502	1-437-089-00	TRANSFORMER, TRANSFORMER,	HORIZON	ITAL D	RIVE	
R1567 R1568	1-249-439-11 1-249-435-11 1-247-713-11	CARBON CARBON CARBON	68K 33K 1K	5% 5% 5%	1/4W 1/4W 1/4W			1-439-356-11 1-421-388-11	HOT LOT	9 14 (Å. [
R1571		CARBON CARBON	1.2 1.2	5% 5%	1/4W	F F		<the< td=""><td>RMISTOR></td><td></td><td></td><td></td><td></td></the<>	RMISTOR>				
	1-249-382-11 1-216-424-11	CARBON METAL OXIDE	1.2	5% 5%		F	TH501	1-800-070-99	THERMISTOR TH	-47 00			
R1575		CARBON	1.2 1K	5% 5%	1/4W	F	******	***********	*********	*****	****	******	******



REF.NO.	PART NO.	DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION			-	REMARK
C204 C205 C206 C207 C208	1-124-477-11 1-130-496-00 1-102-125-00 1-102-125-00 1-130-496-00	ELECT MYLAR CERAMIC CERAMIC MYLAR	47MF 0.12MF 0.0047MF 0.0047MF 0.12MF	20% 5% 10% 10% 5%	16V 50V 50V 50V 50V	L201		INDUCTOR	1800	Н		
C209 C210 C211 C212	1-123-369-00 1-123-369-00 1-123-369-00	ELECT ELECT ELECT ELECT ELECT	4.7MF 4.7MF 4.7MF 4.7MF 220MF	20% 20% 20% 20% 20%	25V 25V 25V 25V 16V	Q201 Q204 Q205 Q206 Q209	8-729-178-55 8-729-178-55 8-729-178-55 8-729-119-76	NSISTOR> TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	C2785- C2785- A1175-	e E Hfe		
C221	1-124-360-00 1-126-101-11 1-123-379-00 1-123-379-00 1-162-283-31		1000MF 100MF 0.47MF 0.47MF 120PF	20% 20% 20% 20% 10%	16V 16V 50V 50V 50V	Q211	8-729-140-96 <res< td=""><td>TRANSISTOR 2S</td><td>D774-3</td><td>4</td><td></td><td></td></res<>	TRANSISTOR 2S	D 774-3	4		
C223 C224 C225 C227 C228	1-162-283-31 1-124-963-11 1-124-477-11 1-108-816-11 1-123-379-00	CERAMIC ELECT ELECT MYLAR ELECT	120PF 33MF 47MF 0.1MF 0.47MF	10% 20% 20% 5% 20%	50V 16V 16V 50V 50V	R201 R202 R203 R204 R205	1-249-441-11 1-249-441-11 1-249-419-11 1-249-429-11 1-249-430-11	CARBON CARBON CARBON CARBON CARBON	100K 100K 1.5K 10K 12K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
					50V 50V 50V 16V 16V	R206 R207 R208 R211 R221	1-249-430-11 1-249-419-11 1-249-419-11 1-249-420-11 1-249-403-11	CARBON CARBON CARBON CARBON CARBON	12K 1.5K 1.5K 1.8K 68	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	F
C235 C236 C237 C238	1-108-816-11 1-124-471-00 1-102-074-00		0.1MF 1000MF 0.001MF	5% 20% 10% 10%	50V 6.3V 50V 50V 50V	R222 R223 R224 R225 R227	1-249-429-11 1-249-432-11 1-249-437-11 1-249-409-11 1-249-430-11	CARBON	10K 18K 47K 220 12K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
C240 C241 C242		CERAMIC CERAMIC BLECT (BLOCK) BLECT (BLOCK) BLECT	0.047MF 0.047MF 4700MF 4700MF 47MF	20%	50V 50V 35V 35V 16V	R228 R229 R230 R231 R232	1-249-390-11 1-249-429-11 1-249-432-11 1-249-437-11 1-249-409-11	CARBON CARBON CARBON CARBON	5.6 10K 18K 47K 220	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	F
C246 C251 C252 C253	1-123-356-00 1-123-356-00 1-123-875-11 1-123-875-11	ELECT ELECT	10MF 10MF 10MF 10MF	20% 20% 20% 20%	16V 25V 50V 50V	R234 R235 R236 R237 R238	1-249-430-11 1-249-390-11 1-249-429-11 1-249-429-11 1-249-423-11	CARBON CARBON	12K 5.6 10K 10K 3.3K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	F
	<010	DE>				R239	1-249-437-11 1-249-430-11 1-249-441-11	CARBON	47K 12K 100K	5% 5%	1/4W 1/4W	
D202 8	8-719-911-19 8-719-110-36	DIODE RD6.2E: DIODE 1SS119 DIODE RD13ES- DIODE RD13ES-	-B2			R241 R242 R243	1-249-441-11 1-249-429-11 1-249-417-11	CARBON	100K 10K 1K	5%	1/4W 1/4W 1/4W	
IC201 8	C 8-759-276-30	IC TA7630P				R244 R245 R246 R252 R257	1-249-417-11 1-249-417-11 1-249-417-11 1-249-419-11 1-249-423-11	CARBON	1K 1K 1K 1.5K 3.3K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
	8-759-111-88 8-759-111-88	IC UPC1188H	E 52(5).		0	R280	1-249-449-11	CARBON	1.5	5%	1/4W	
	<con!< td=""><td>NECTOR></td><td></td><td></td><td></td><td></td><td></td><td>**************************************</td><td></td><td></td><td></td><td>*******</td></con!<>	NECTOR>						**************************************				*******
K2 *	1-508-767-00	PIN, CONNECTO PIN, CONNECTO PIN, CONNECTO	OR (5MM PITC	H) 5P			- 9 992 247 01	******	DUNID		n,	
K3							<0101					
		PIN, CONNECTO				D907 D908	8-719-911-19					
					i	D910 D911	8-719-911-19 9-990-893-01	DIODE 1SS119 LED TLY263P				



REF.NO.	PART NO.	DESCRIPTION			RE	EMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
D912 D913 D914 D915 D916	9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P LED TLY263P LED TLY263P LED TLY263P					D945 D946 D947 D948 D949	8-719-911-19 8-719-911-19 8-719-911-19 9-990-901-01 9-990-901-01	LED TLS263P				
D917 D918 D919 D920 D921	9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P LED TLY263P LED TLY263P LED TLY263P					D950 D951 D952 D953 D954	9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P LED TLY263P				
D922 D923 D924 D925 D926	9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P LED TLY263P LED TLY263P				! ! ! ! !		9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P LED TLY263P				
D928 D929	9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P LED TLY263P LED TLY263P LED TLY263P						9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P LED TLY263P				
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R906 R907	1-247-700-11 1-247-704-11 1-247-700-11	CARBON CARBON CARBON	100 220 100 220 100		4 W 4 W 4 W		DO 40		ISTOR>	100	E W	7 /461	
R909	1-247-704-11 1-247-700-11 1-247-704-11		100 220		4W		R942	1-247-703-11 1-247-700-11 1-247-704-11 1-247-700-11	CARBON CARBON CARBON	180 100 220 100	5555555	1/4W 1/4W 1/4W 1/4W	
R911 R912	1-247-700-11 1-247-704-11	CARBON	100 220 100	5% 1/ 5% 1/ 5% 1/ 5% 1/ 5% 1/	4W 4W		R944 R945	1-247-704-11 1-247-700-11	CARBON CARBON	220 100		1/4W 1/4W	
R914 R915	1-247-704-11	CARBON CARBON	220		4W		R946 R947 R948	1-247-700-11 1-247-700-11 1-247-700-11	CARBON CARBON	100 100 100	5% 5% 5% 5%	1/4W 1/4W 1/4W	
R917 R918		CARBON CARBON	220 220 220 220 220	5% 1/5 5% 1/5 5% 1/6 5% 1/6	4W 4W		R950	1-247-700-11 1-247-700-11 1-247-700-11	CARBON	100 100 100	5% 5%	1/4W 1/4W 1/4W	
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S906 S907	1-553-766-00 1-553-766-00	MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE	Y BOARD Y BOARD Y BOARD	SWITCH) SWITCH)				1-553-766-00 1-553-766-00 1-553-766-00	MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE	Y BOAR Y BOAR Y BOAR	D SWIT D SWIT D SWIT	CH) CH) CH)	
5911 5912	1-553-766-00 1-553-766-00	MT SWITCH (KEY MT SWITCH (KEY MT SWITCH (KEY MT SWITCH (KEY MT SWITCH (KEY MT SWITCH (KEY	/ BOARD / BOARD	SWITCH)			S946 S947 S948	1-553-766-00 1-553-766-00 1-553-766-00	MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE	Y BOAR Y BOAR Y BOAR	D SWIT D SWIT D SWIT	CH) CH) CH)	
		MT SWITCH (KEY					******	******	*******	****	*****	******	******
		HB BOARD (KEY			******	****	*	9-990-898-01	N BOARD (KEY I	BOARD	UNIT B)	
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D940 -	<dioi 8-710-011-19</dioi 						I C935	8-741-138-70	IC BX-1387 (DI	ETECTO	R)		
D941 D942 D943	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE ISSI19 DIODE ISSI19 DIODE ISSI19		·			*****	*******	************	*****	*****	******	*****

REF.NO.	PART NO.	DESCRIPTION	REMARK
		MISCELLANEOUS	
	1-230-712-22 1-426-278-22 1-451-255-23 1-452-032-00 1-452-094-00	RESISTOR ASSY, HIGH-VOLTAGE COIL, DEMAGNETIZATION DEFLECTION YOKE (Y27FXA) MAGNET, DISK: 10MM Ø MAGNET, ROTATABLE DISK; 15MM Ø	
A	1-452-146-21 1-452-351-22 1-464-792-11 1-464-793-11 1-534-820-13 1-559-409-11	NECK ASSY, PICTURE TUBE (NA302) KEY BOARD UNIT (A) KEY BOARD UNIT (B) POWER CORD (AEP, AUS ONLY)	
*	1-941-403-25 1-941-403-26 1-941-403-27	CONNECTOR ASSY, MICRO 13P CONNECTOR ASSY, MICRO 9P CONNECTOR ASSY, MICRO 7P	
T1691A	1-439-339-14	SWITCH, PUSH (AC POWER) (1 KEY) TRANSFORMER ASSY, FLYBACK PICTURE TUBE (A64JKJ10X) (AEP, WG PICTURE TUBE (A64JKJ10X) (AUS ONL	ONLY)

ACCESSORIES AND PACKING MATERIALS

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PART NO.	DESCRIPTION	REMARK
A-1470-789-A *4-371-192-01 *4-382-051-01 *4-382-053-01	COMMANDER ASSY (RM-668) CUSHION (FRONT) CUSHION (LOWER) (ASSY) CUSHION (UPPER) (ASSY)	
4-482-400-11 *4-384-027-01 *4-385-601-01	MANUAL, INSTRUCTION BAG, PROTECTION INDIVIDUAL CARTON	